

FIG. 1

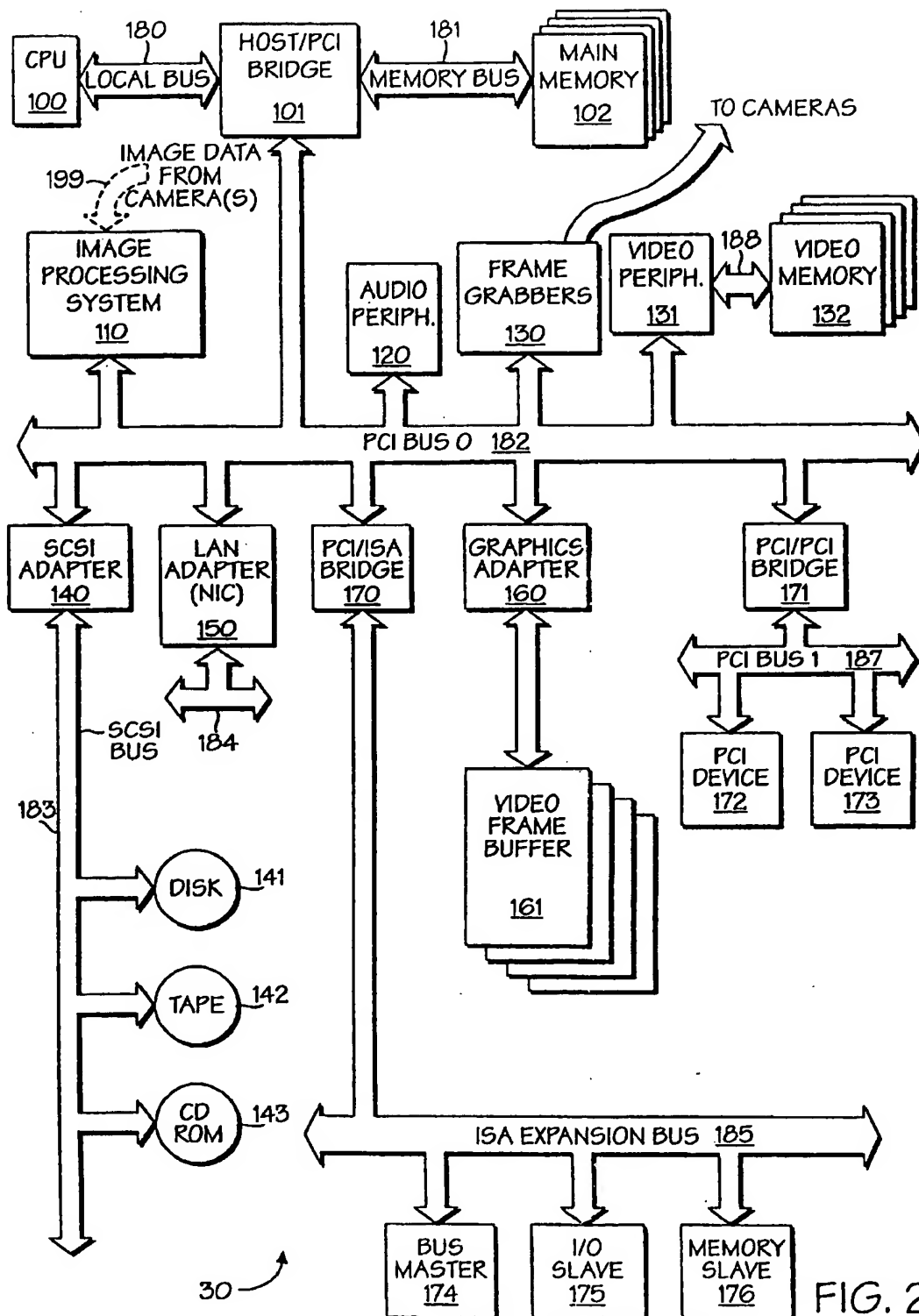


FIG. 2

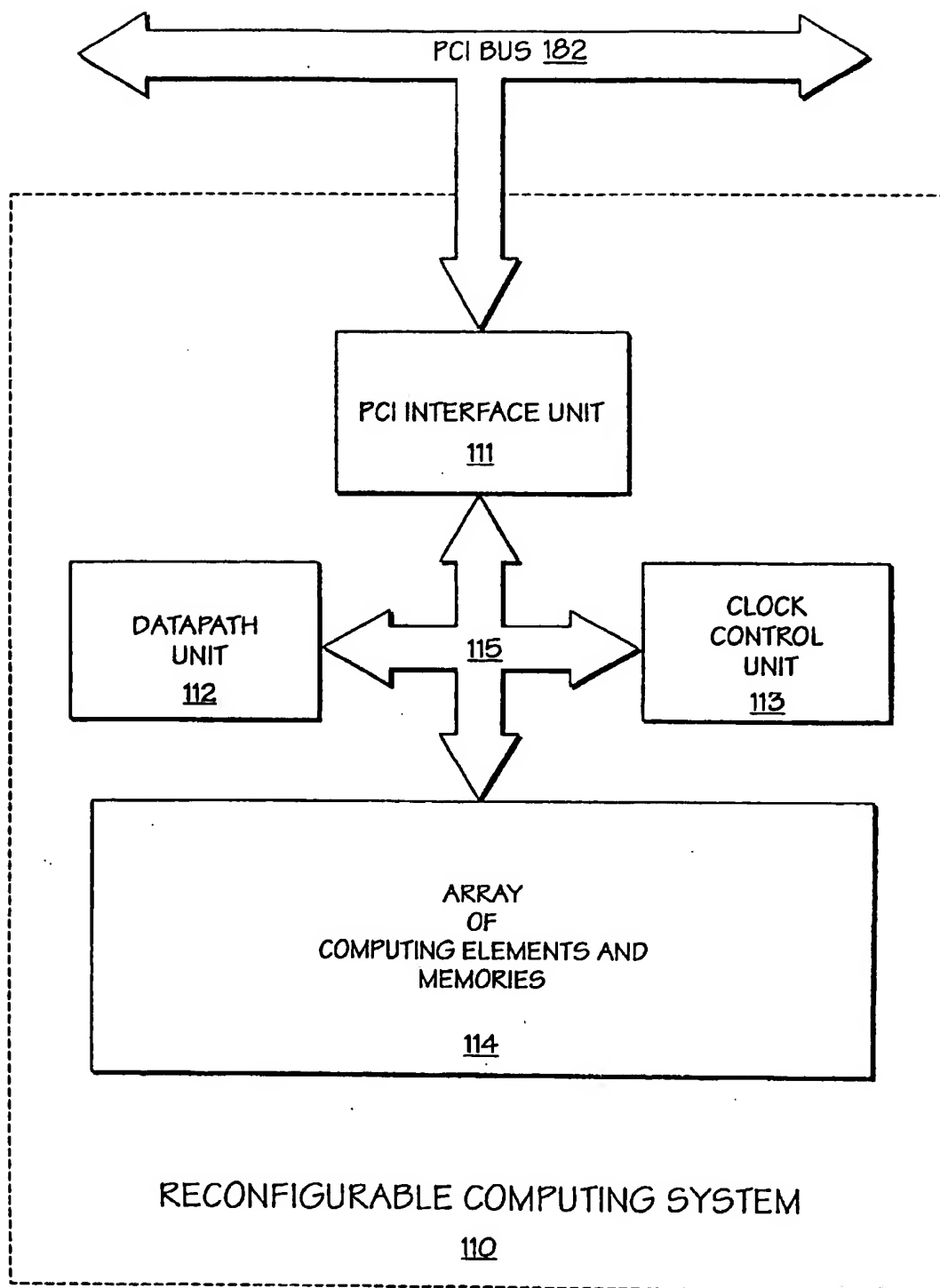


FIG. 3

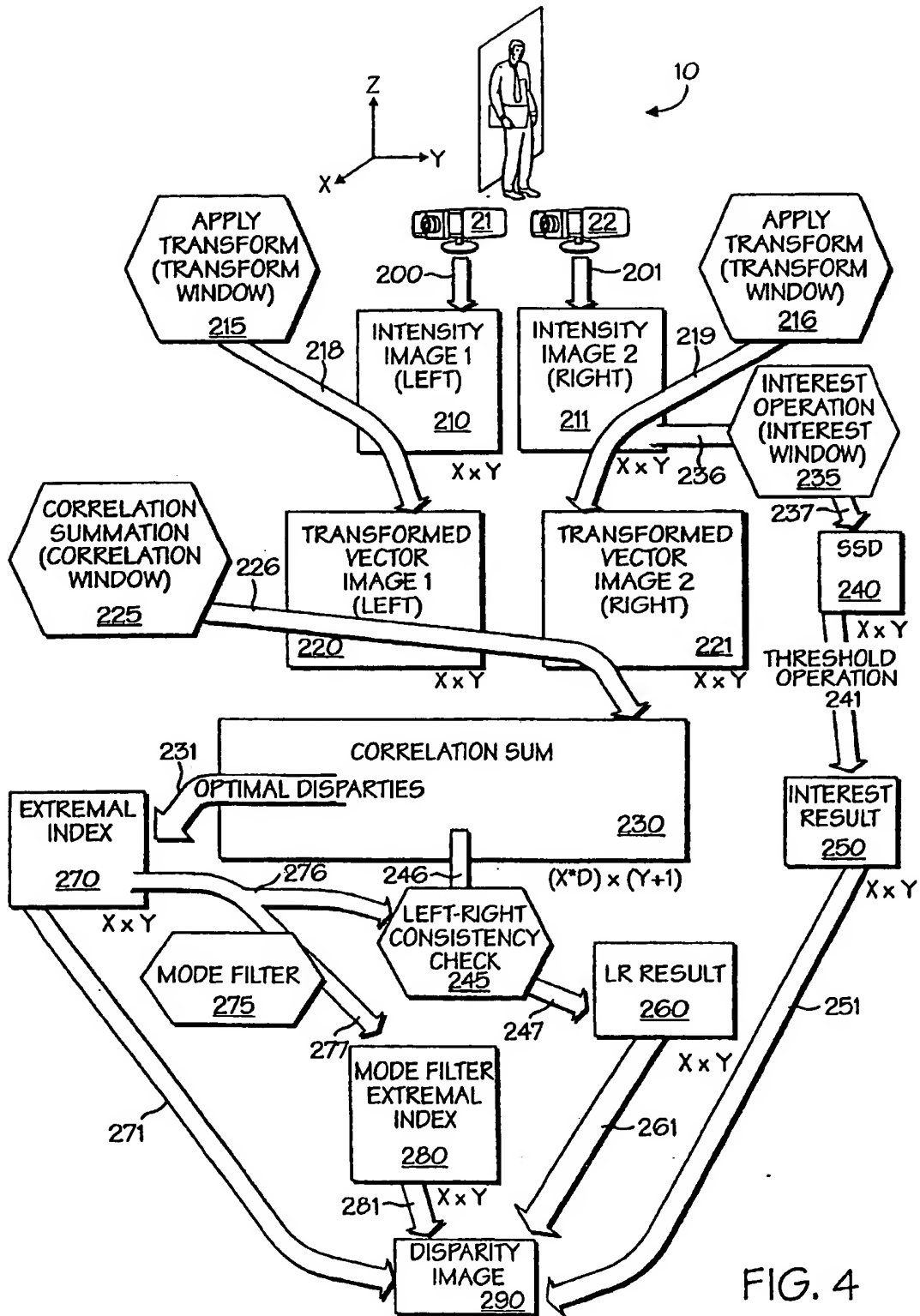


FIG. 4



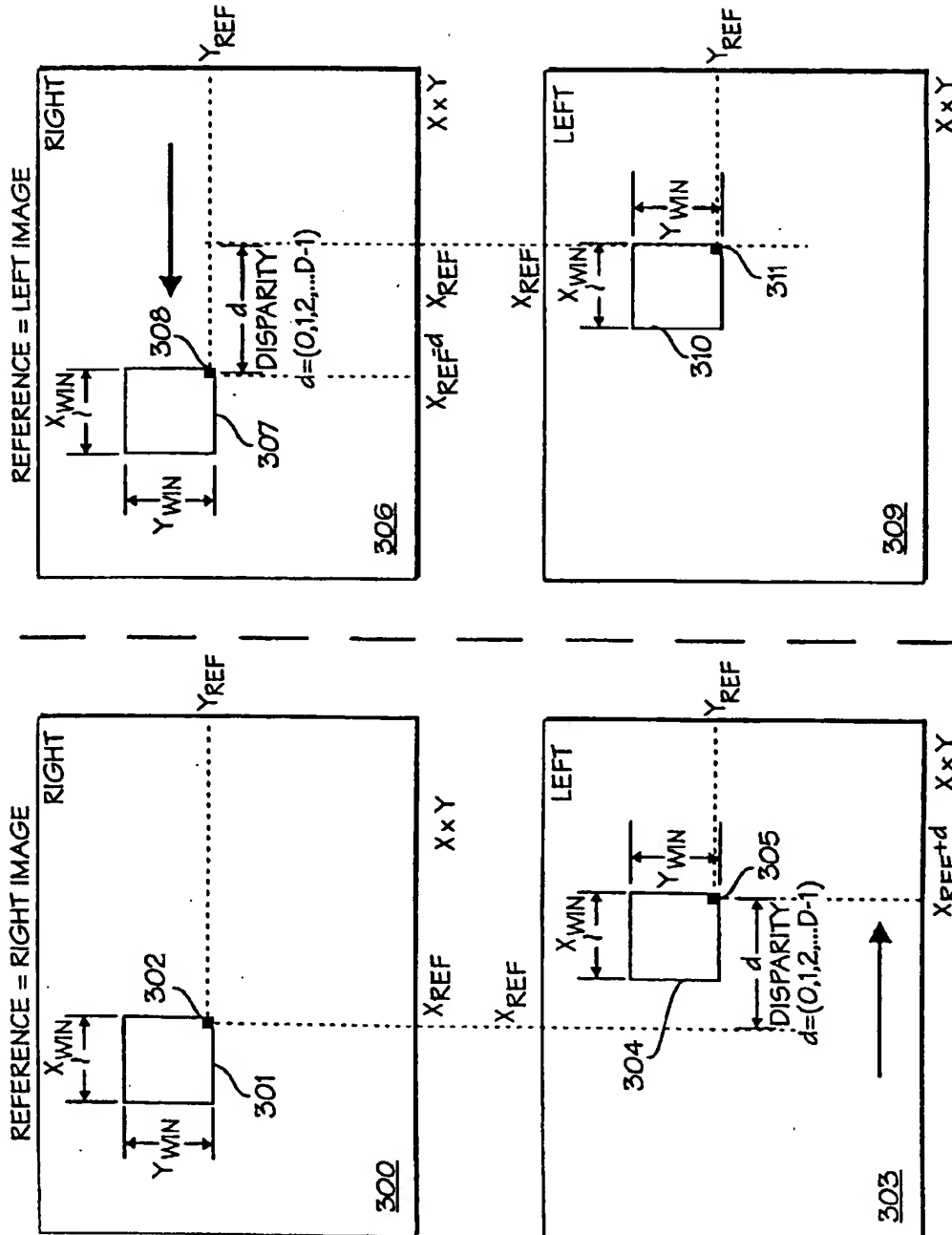
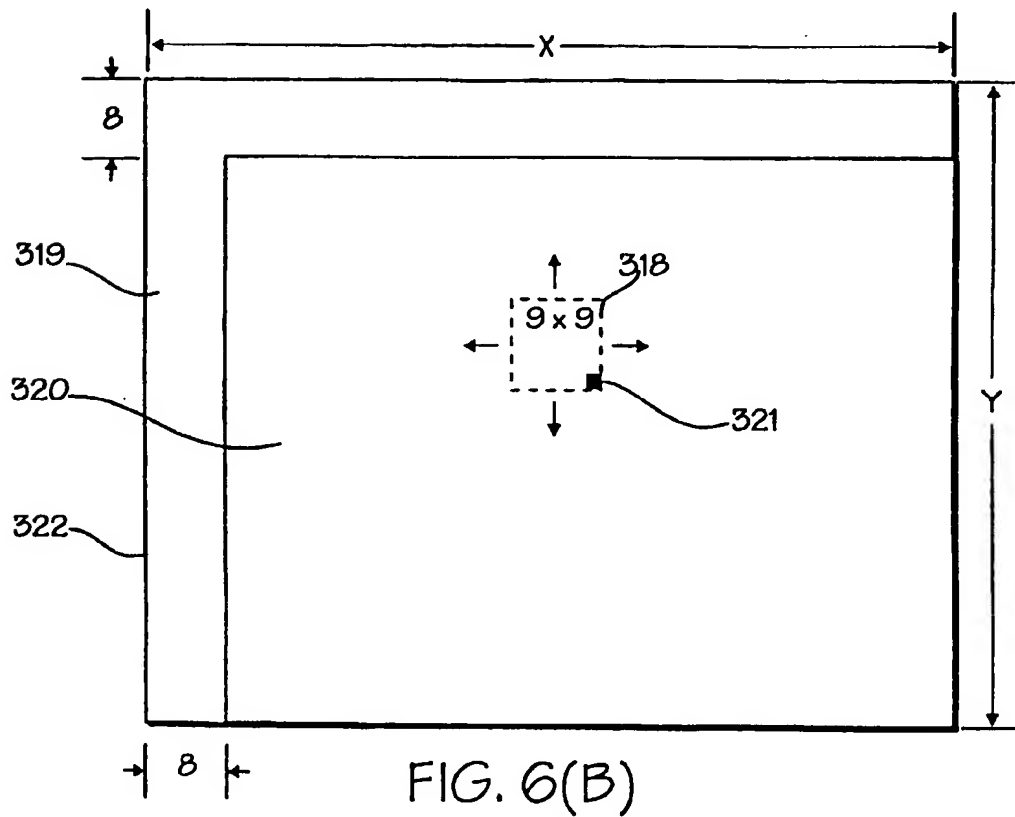
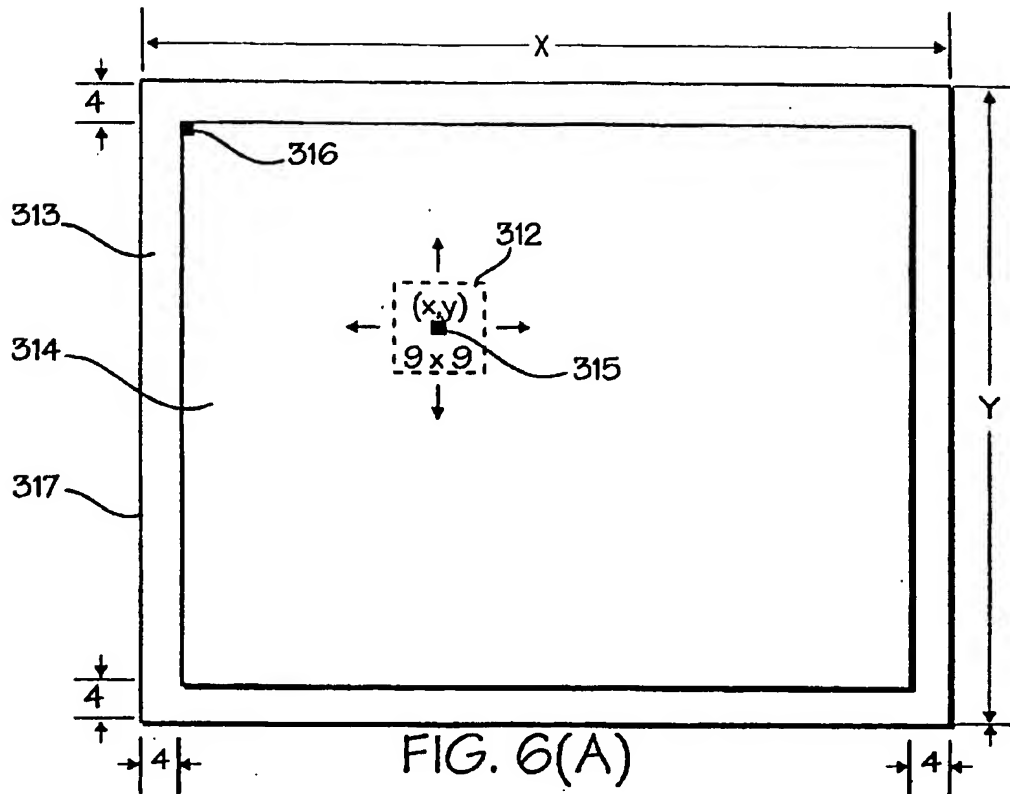


FIG. 5(B)

FIG. 5(A)



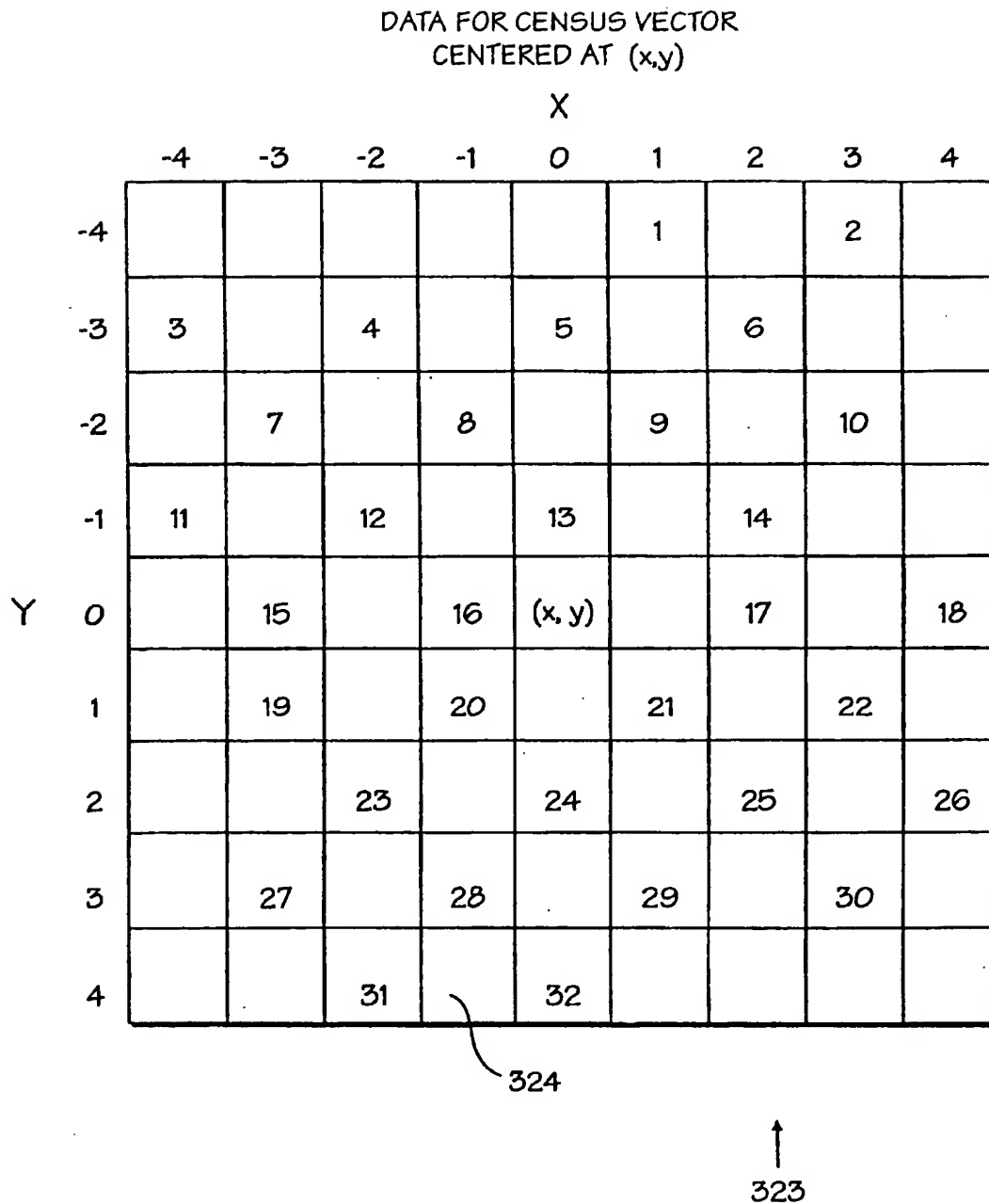


Fig. 7

Fig. 8(A)

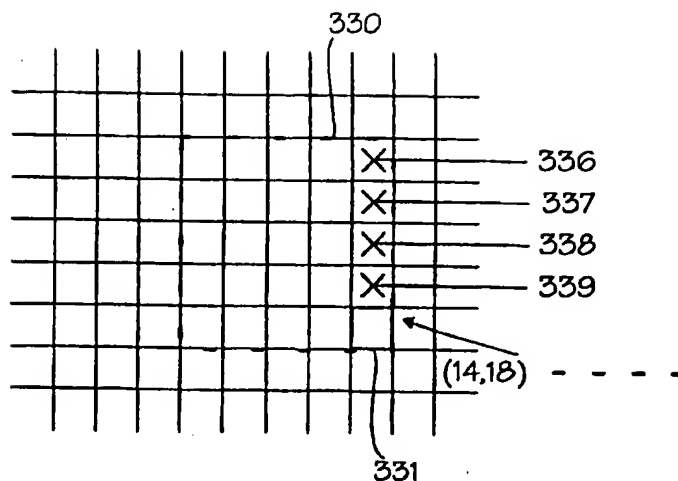


Fig. 8(B)

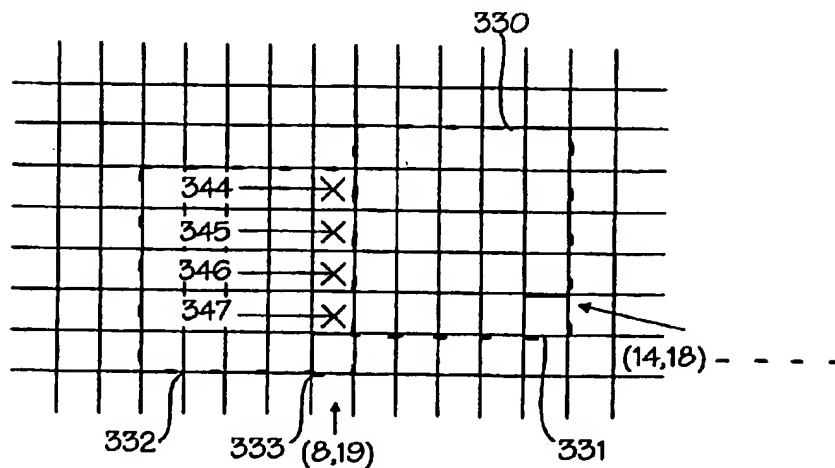


Fig. 8(C)

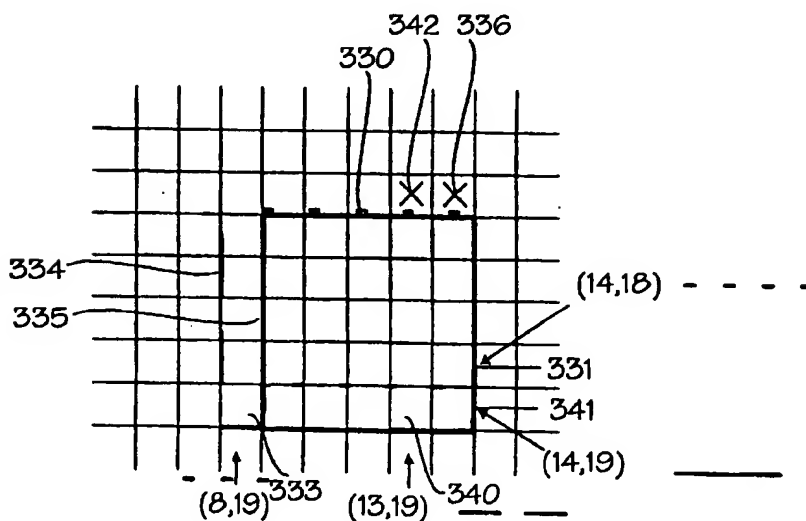


Fig. 9(A)

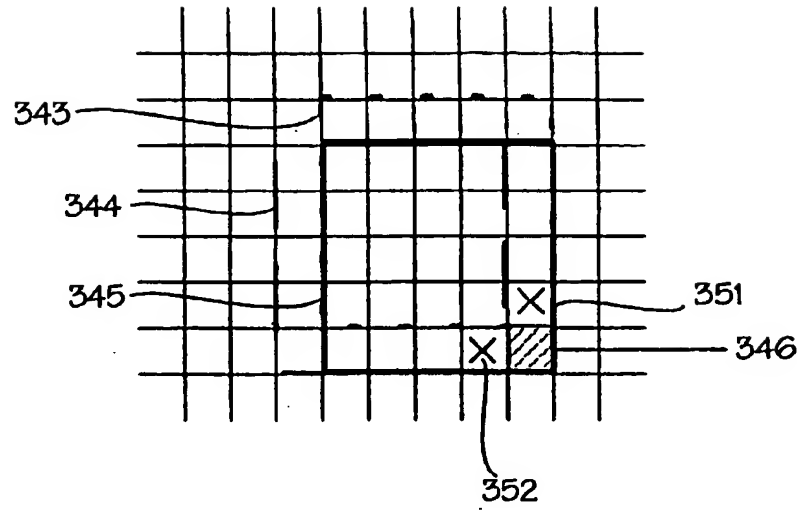


Fig. 9(B)

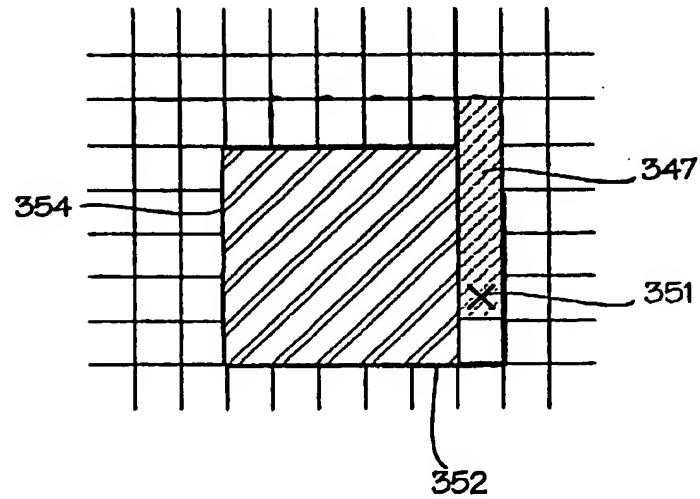
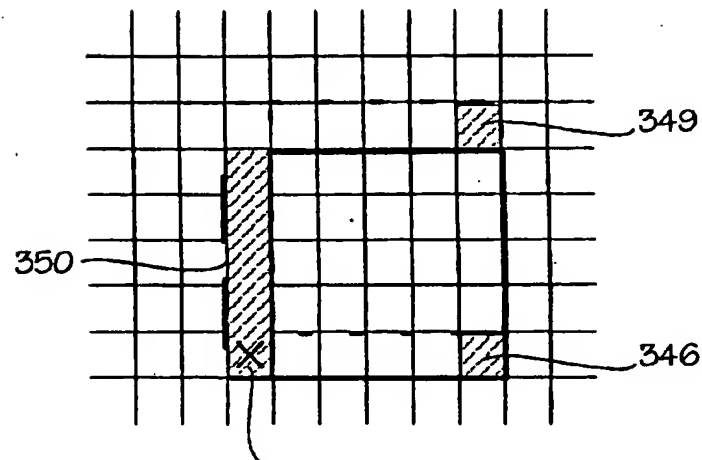


Fig. 9(C)



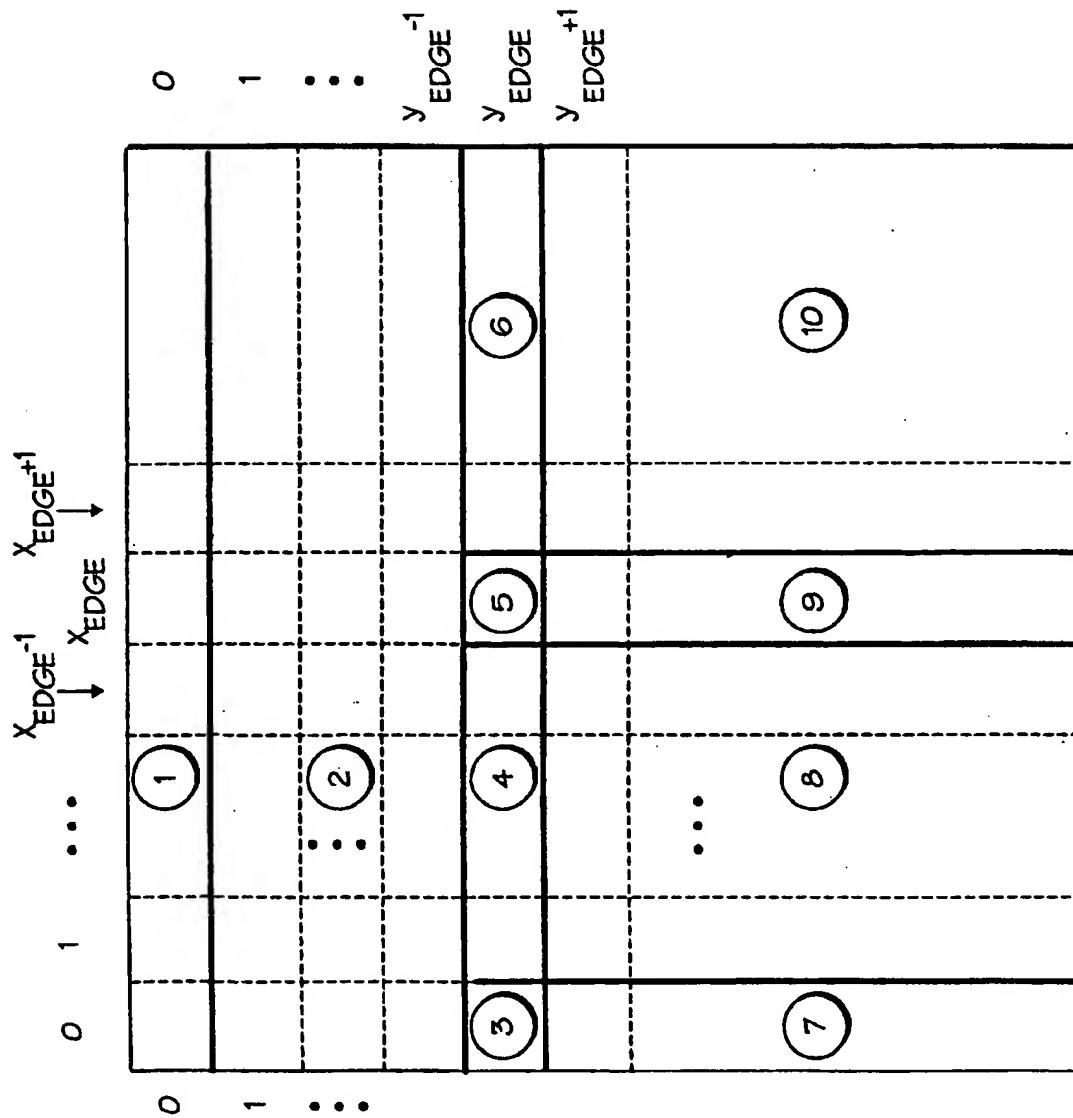


Fig. 10A

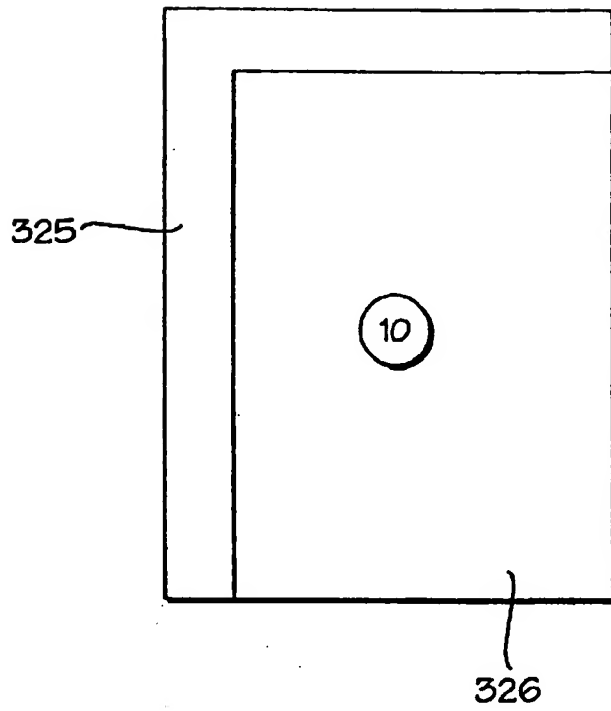


Fig. 10(B)

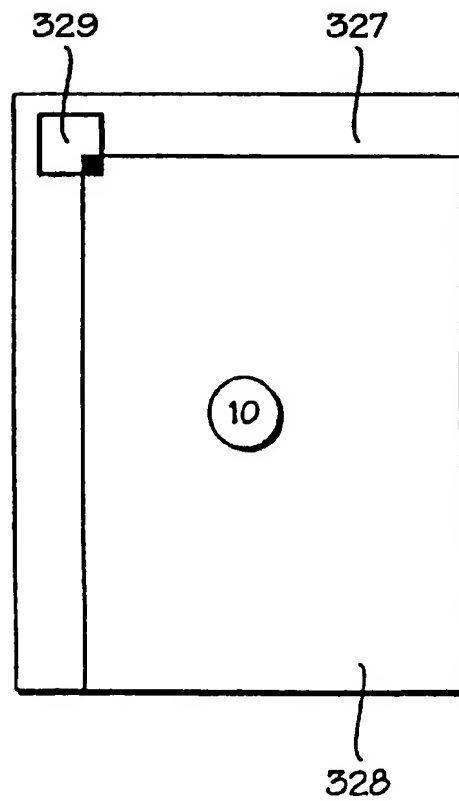


Fig. 10(C)

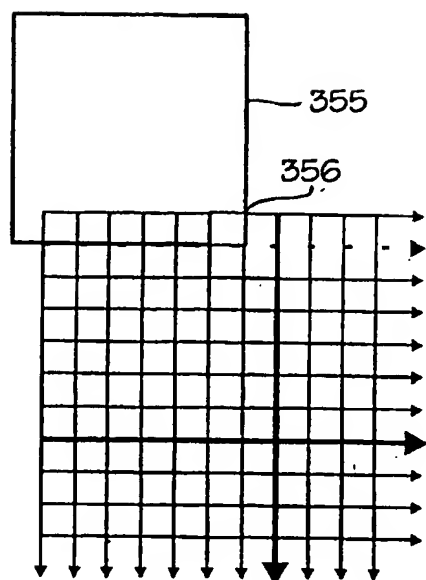


Fig. 11(A)

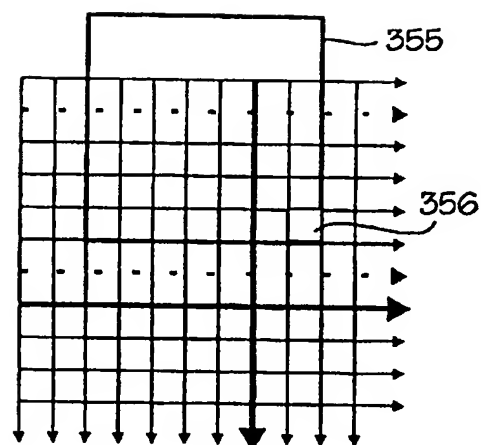


Fig. 11(B)

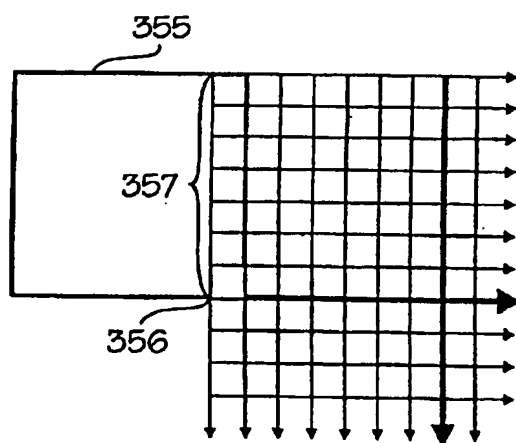


Fig. 11(C)

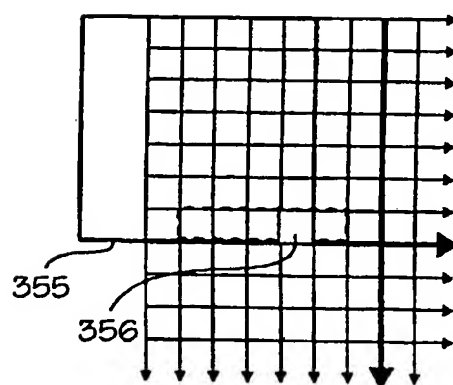


Fig. 11(D)



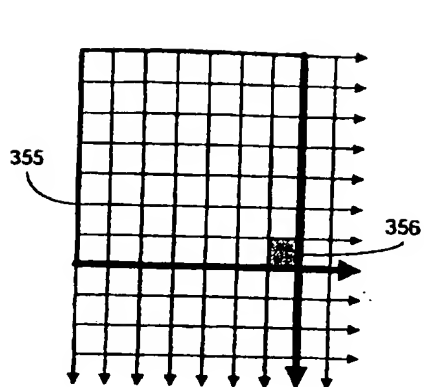


Fig. 11 (E)

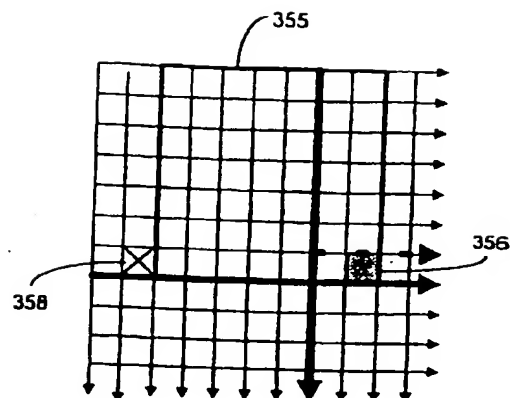


Fig. 11 (F)

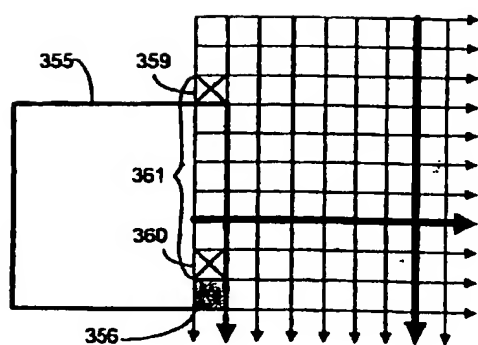


Fig. 11 (G)

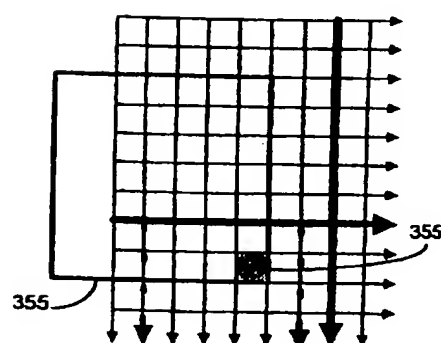


Fig. 11 (H)

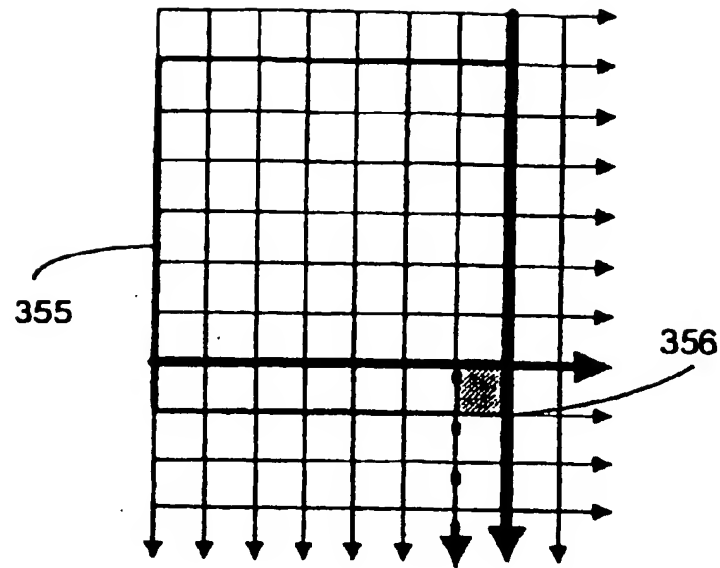


Fig. 11 (I)

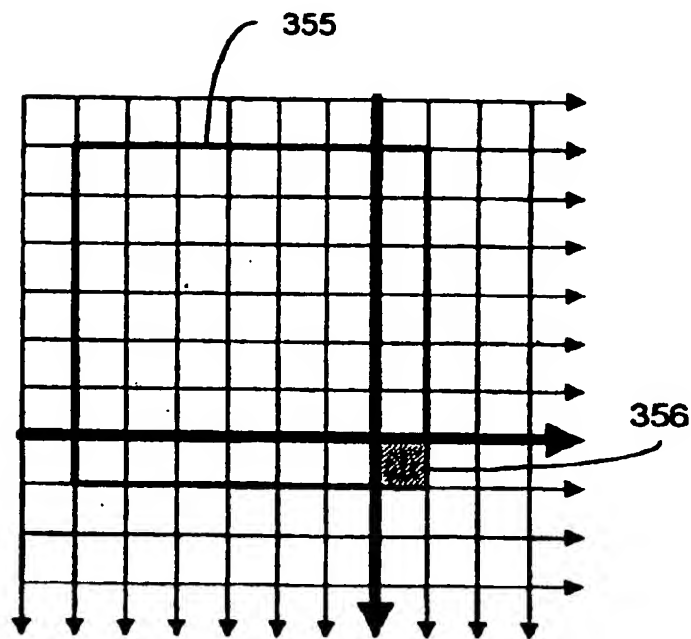


Fig. 11 (J)

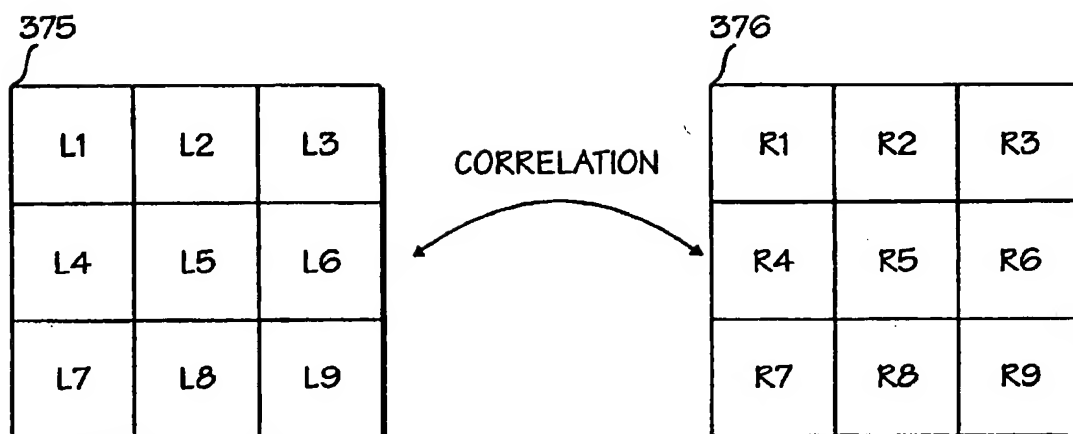
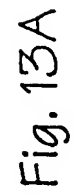
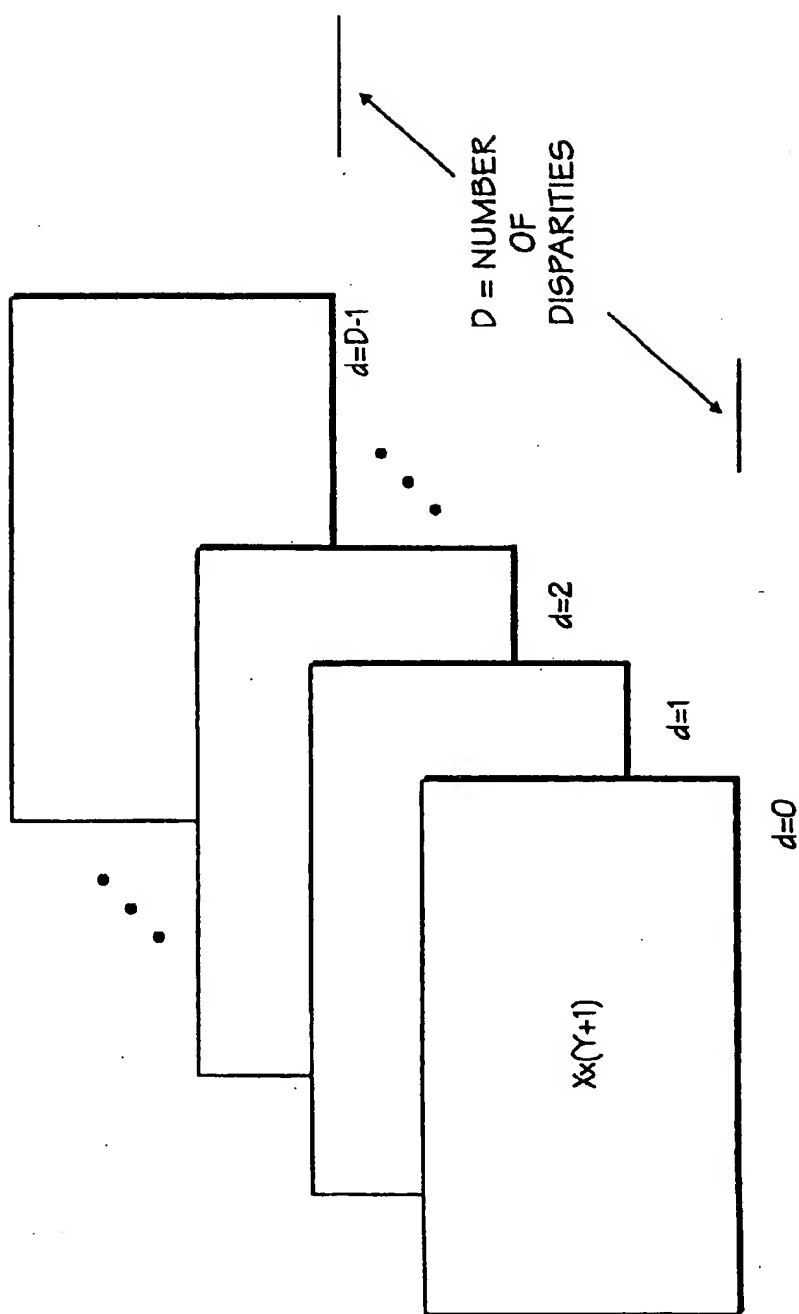


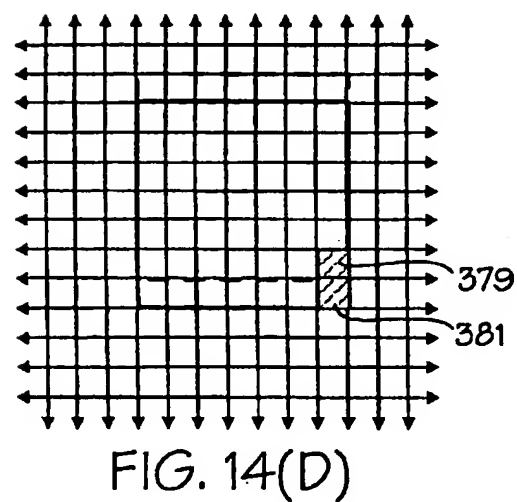
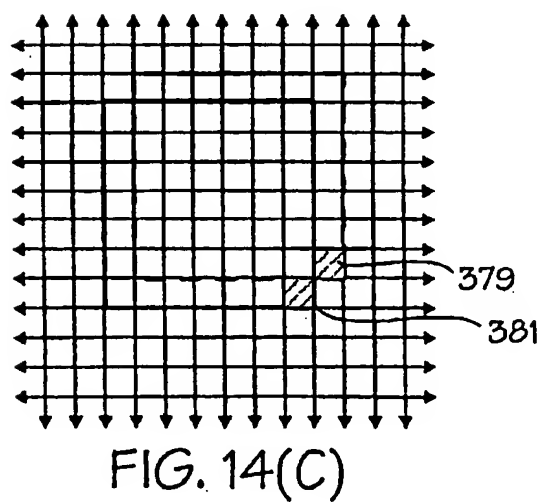
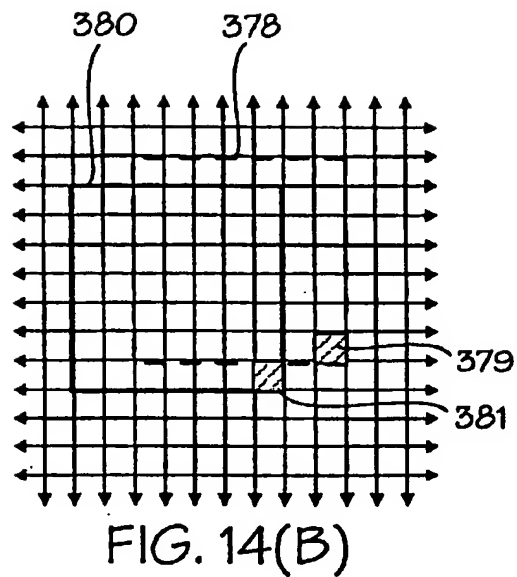
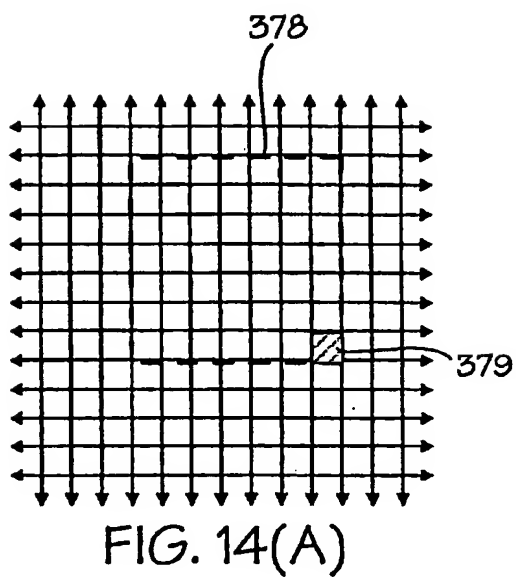
Fig. 12

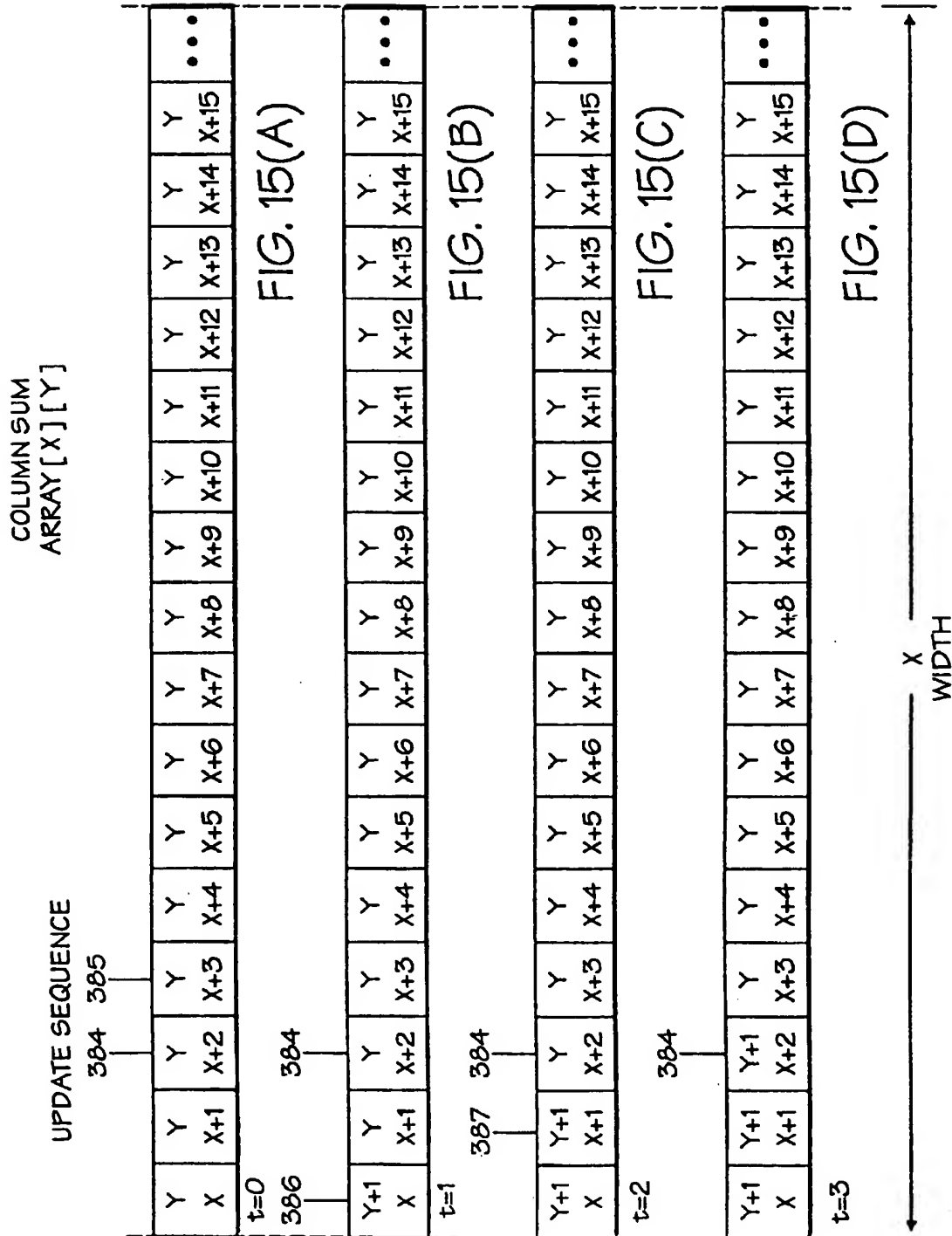




(B)

Fig. 13B





RIGHT IMAGE = REFERENCE  
LEFT IMAGE RIGHT IMAGE



Fig. 16A Fig. 16B

RIGHT IMAGE = REFERENCE  
LEFT IMAGE RIGHT IMAGE

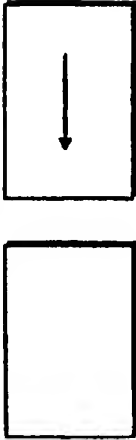


Fig. 16C Fig. 16D

CENSUS VECTORS  
LEFT IMAGE

$A_L$	$B_L$	$C_L$	$D_L$	$E_L$	$F_L$	$G_L$	$H_L$	$I_L$	$J_L$	$\dots$
<div> <div></div> <div>•</div> <div>•</div> <div>•</div> </div>										

Fig. 16E

CENSUS VECTORS  
RIGHT IMAGE

$A_R$	$B_R$	$C_R$	$D_R$	$E_R$	$F_R$	$G_R$	$H_R$	$I_R$	$J_R$
<div> <div></div> <div>•</div> <div>•</div> <div>•</div> </div>									

Fig. 16F



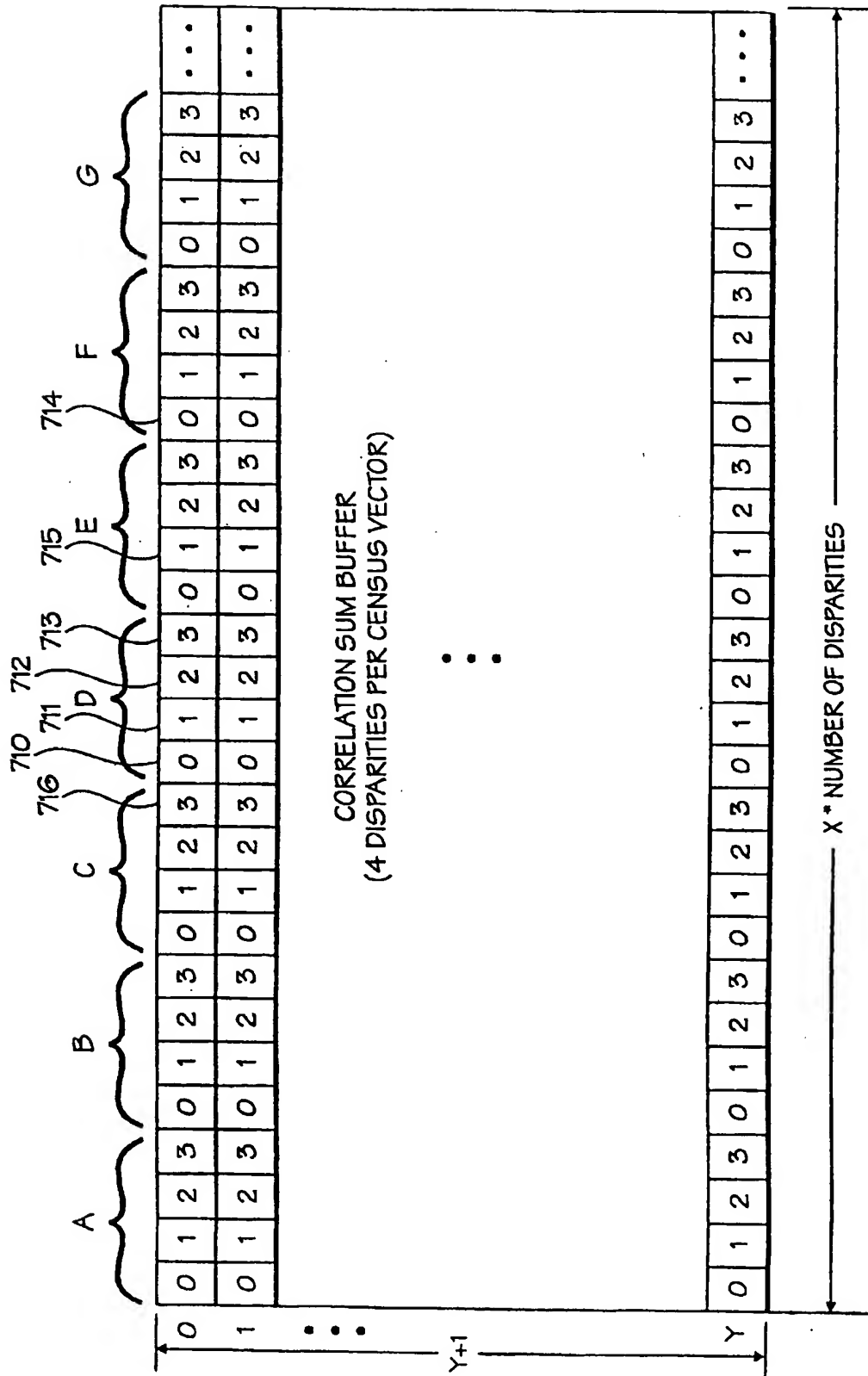
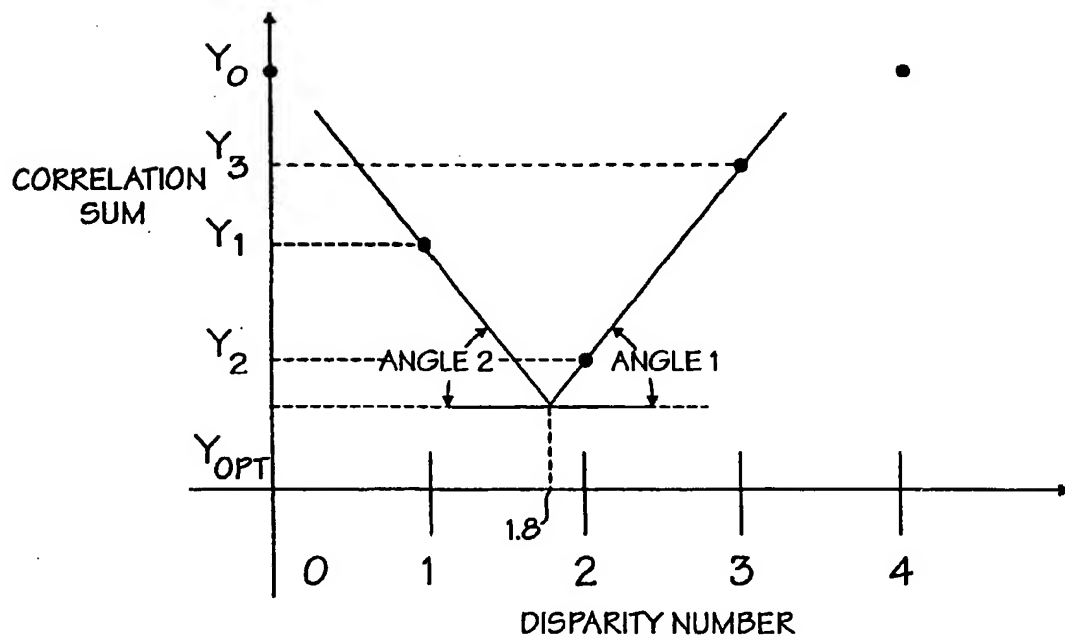
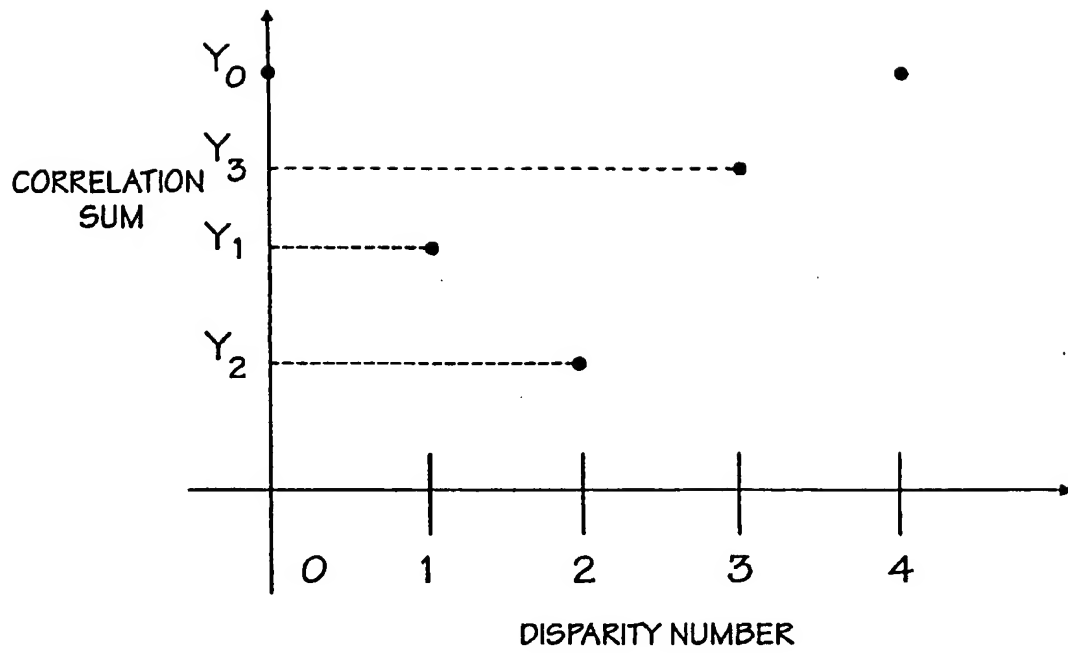


Fig. 16G



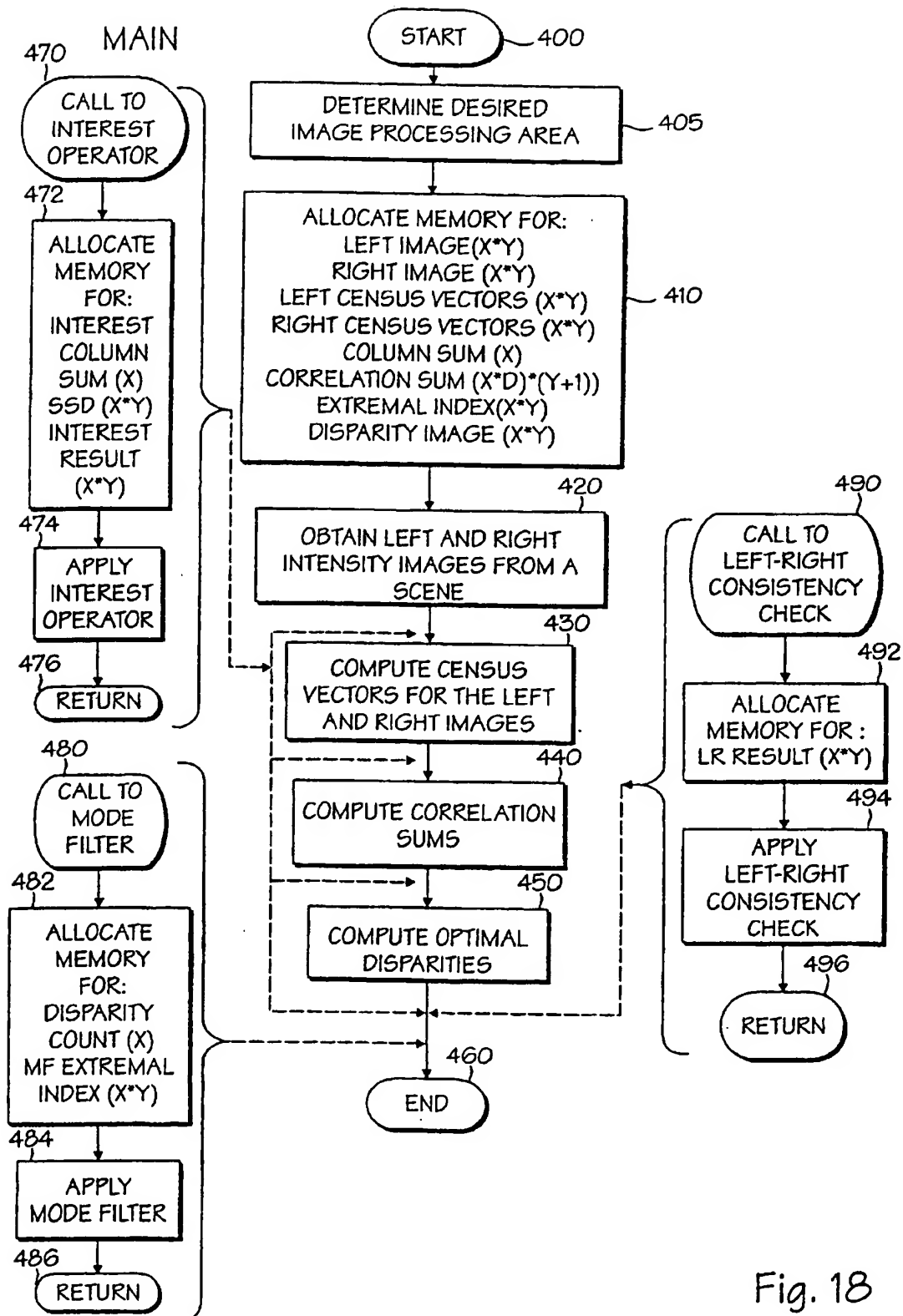
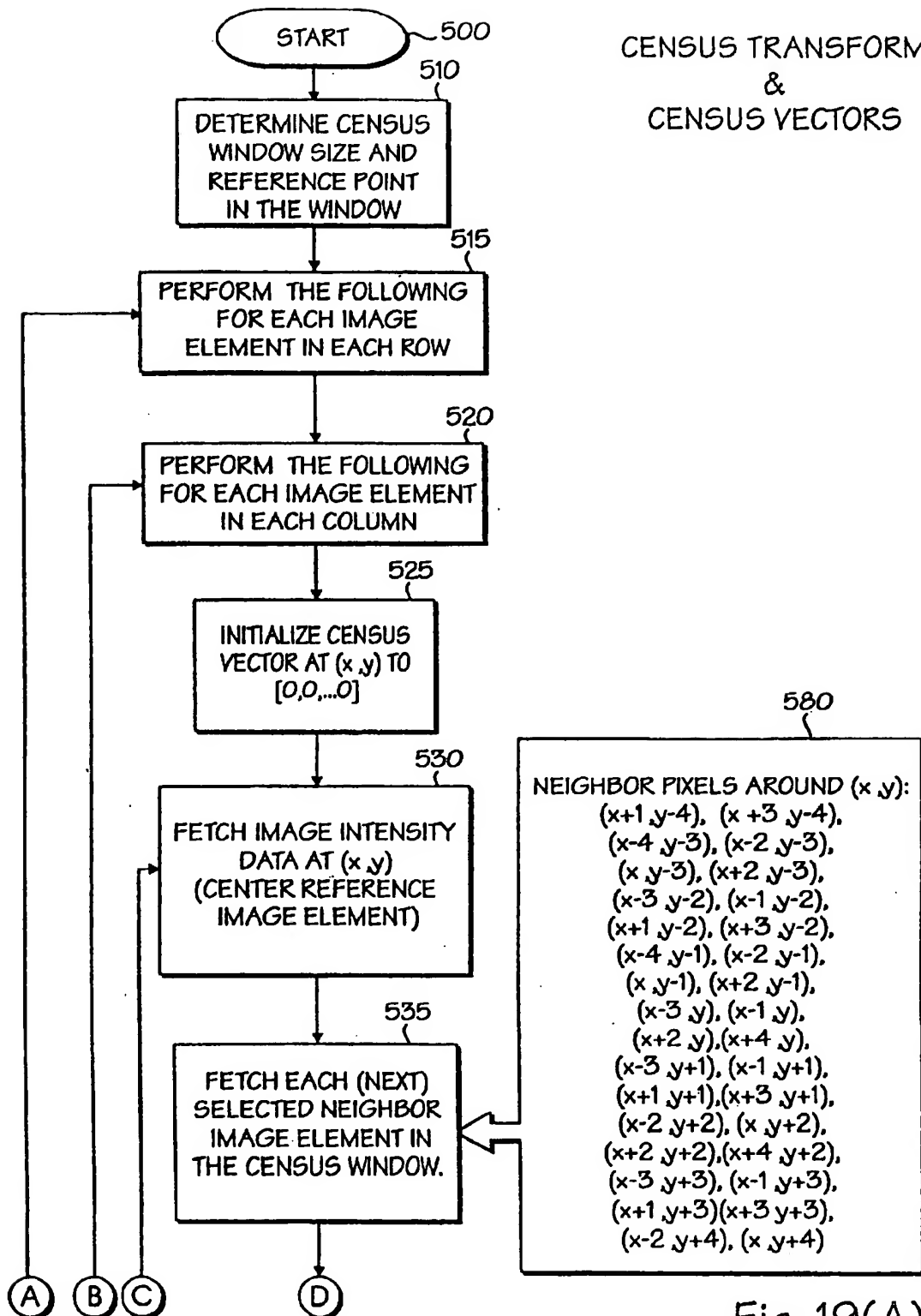


Fig. 18



# CENSUS TRANSFORM & CENSUS VECTORS

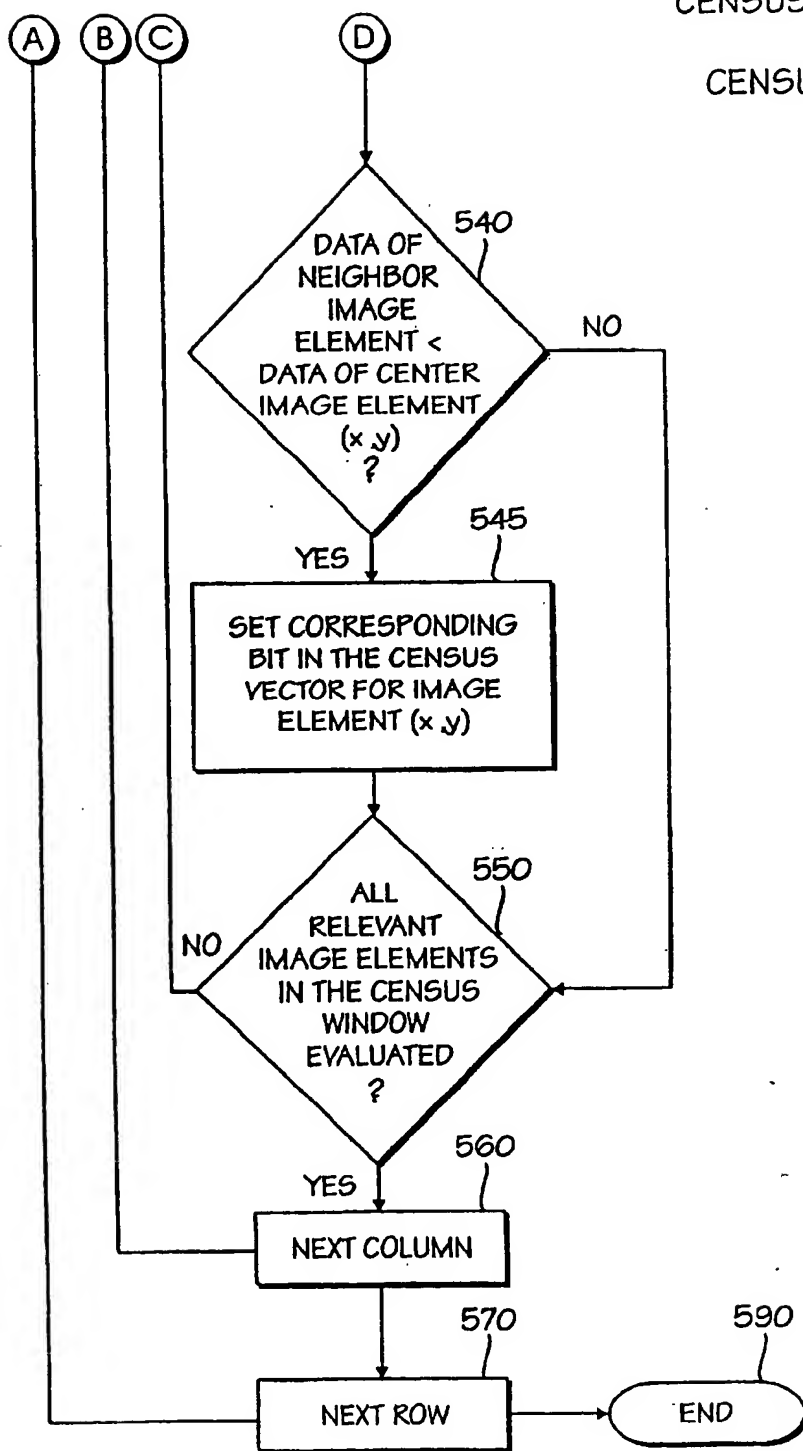


Fig. 19(B)

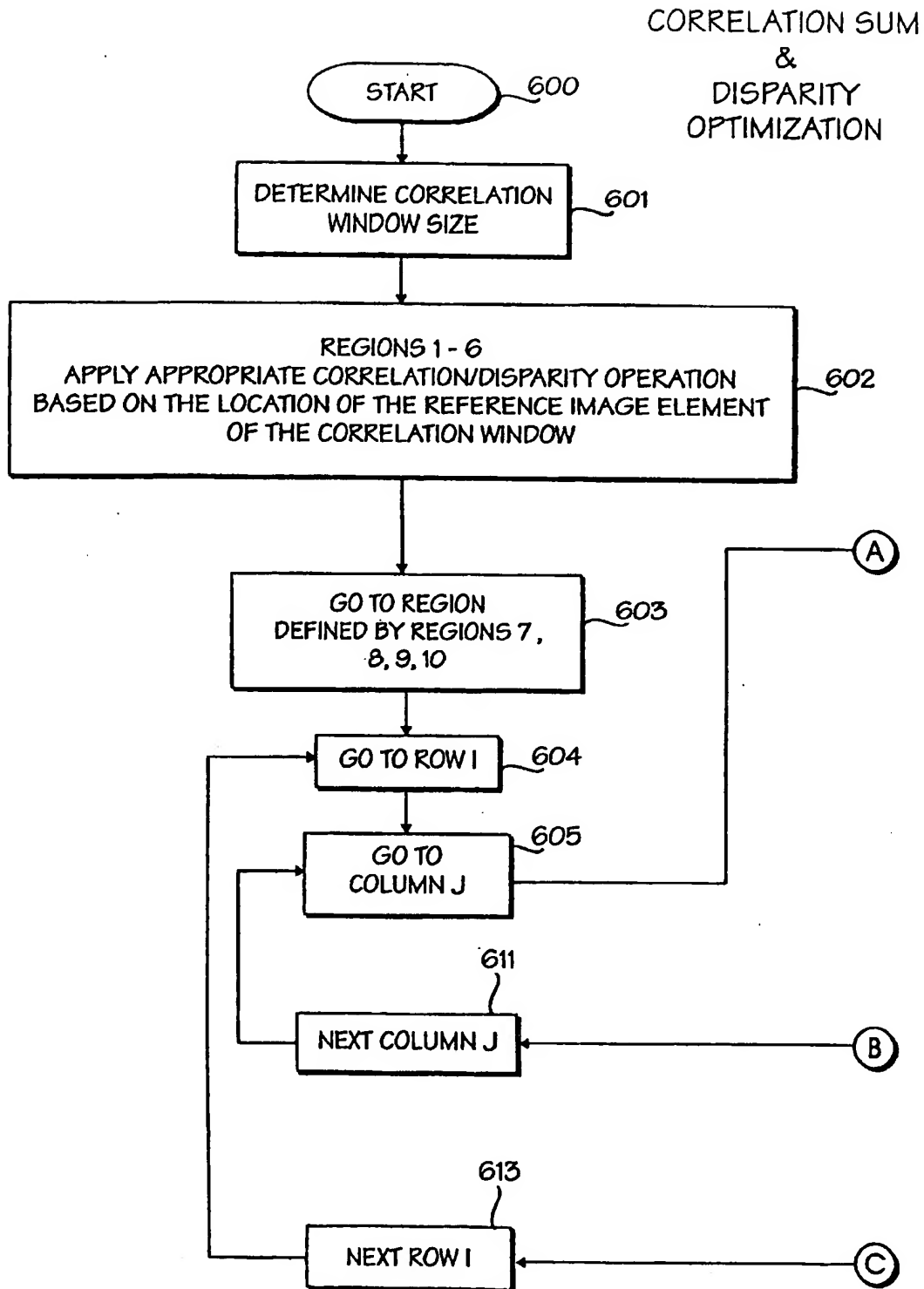


Fig. 20(A)

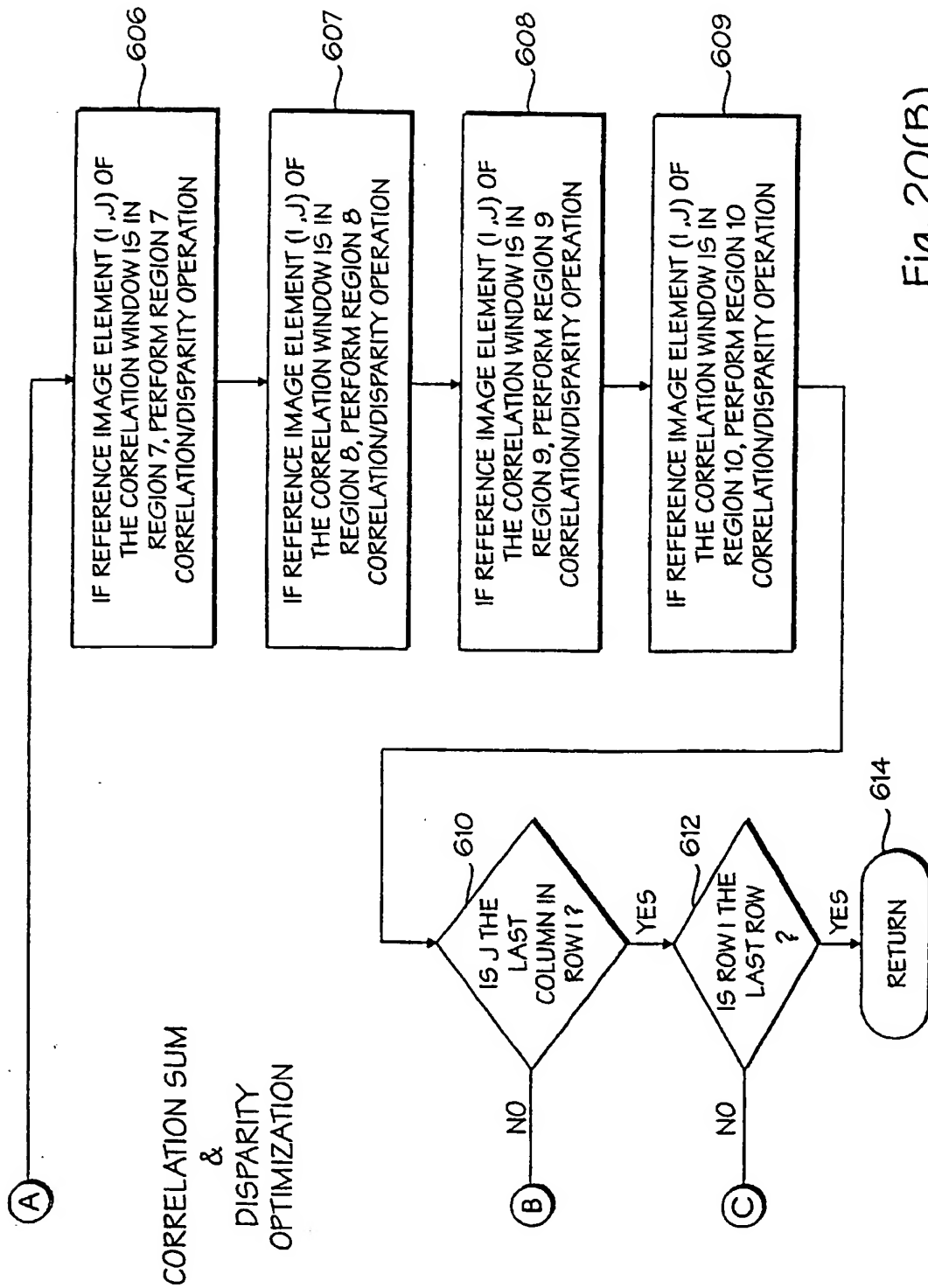


Fig. 20(B)

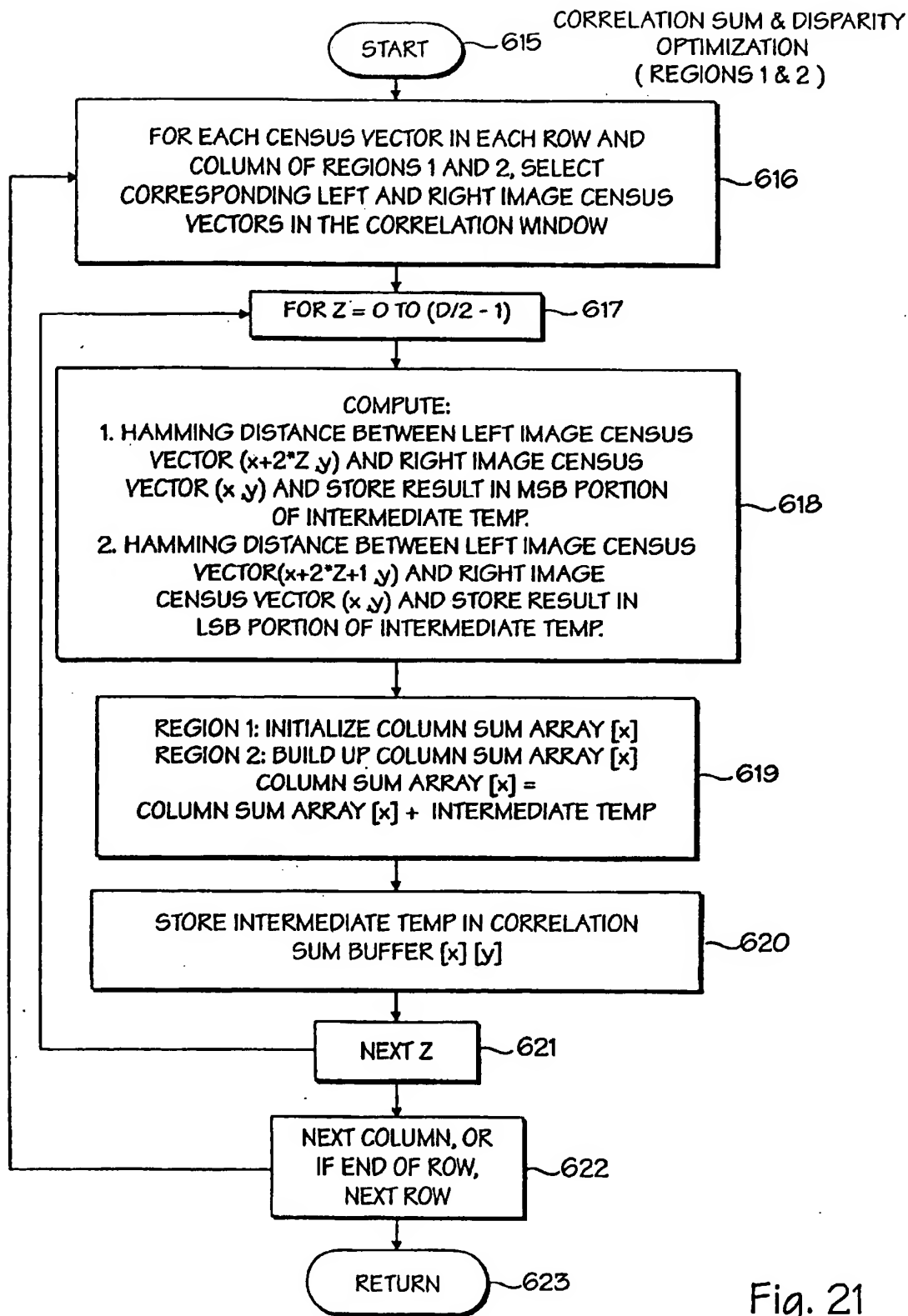


Fig. 21



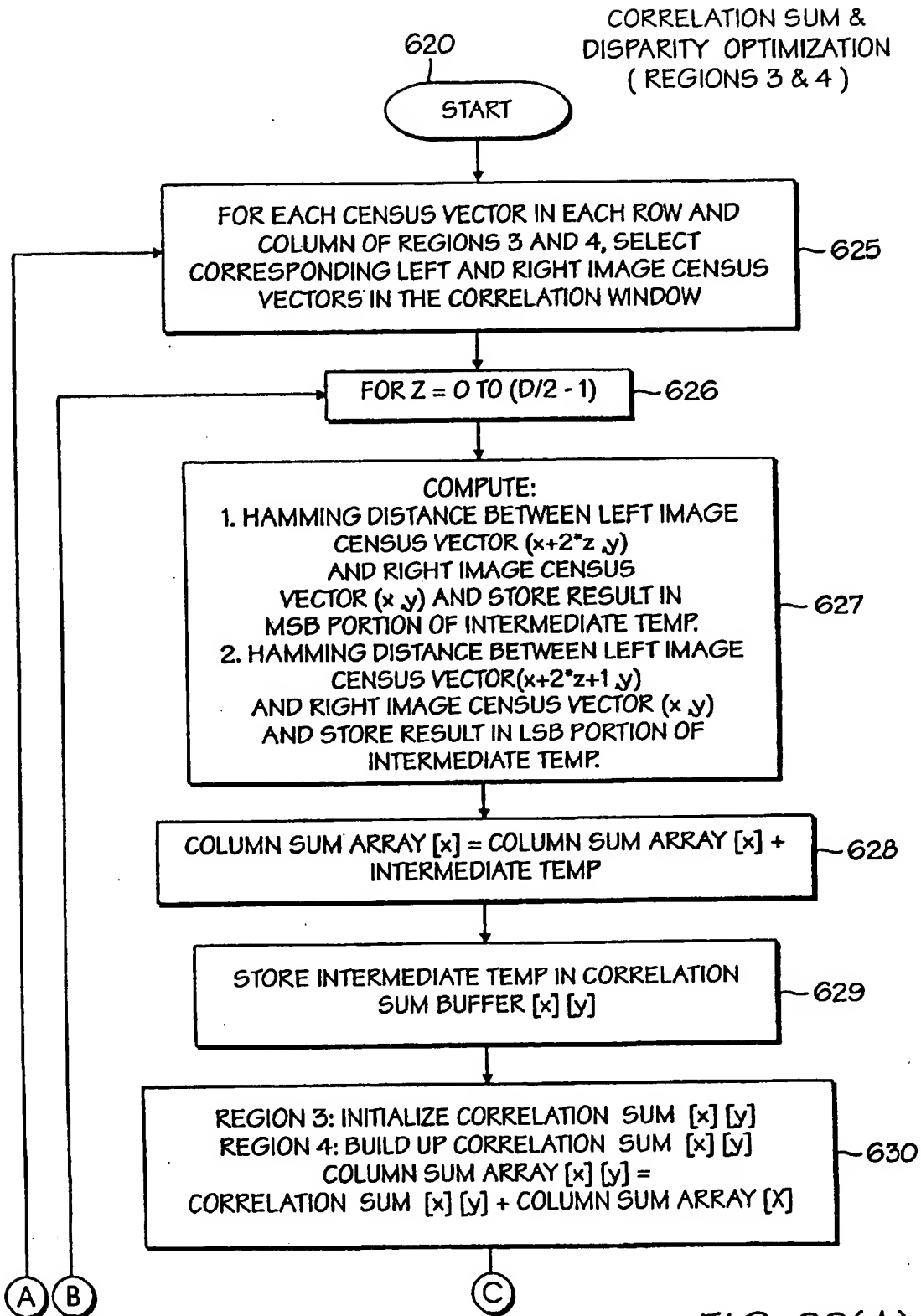


FIG. 22(A)

CORRELATION SUM &  
DISPARITY OPTIMIZATION  
( REGIONS 3 & 4 )

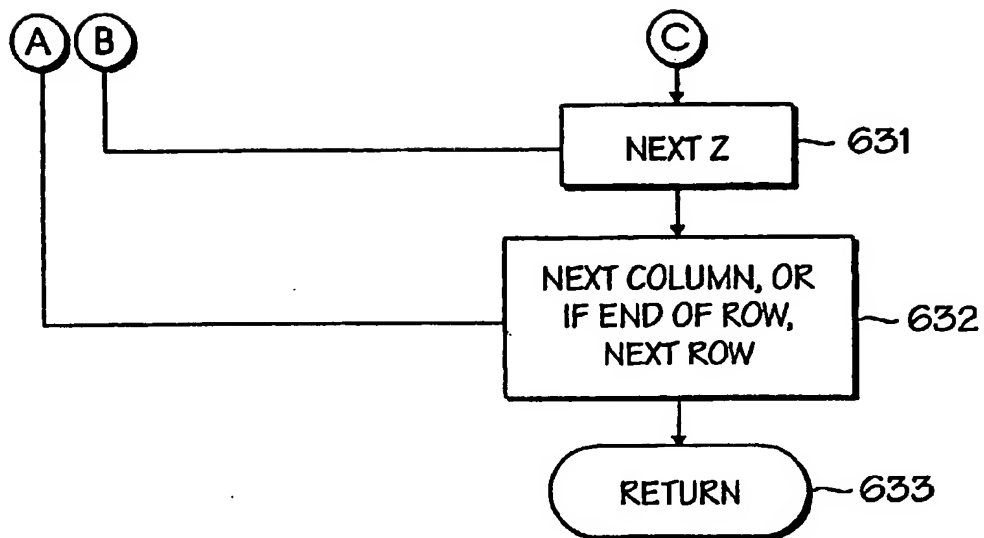


FIG. 22(B)

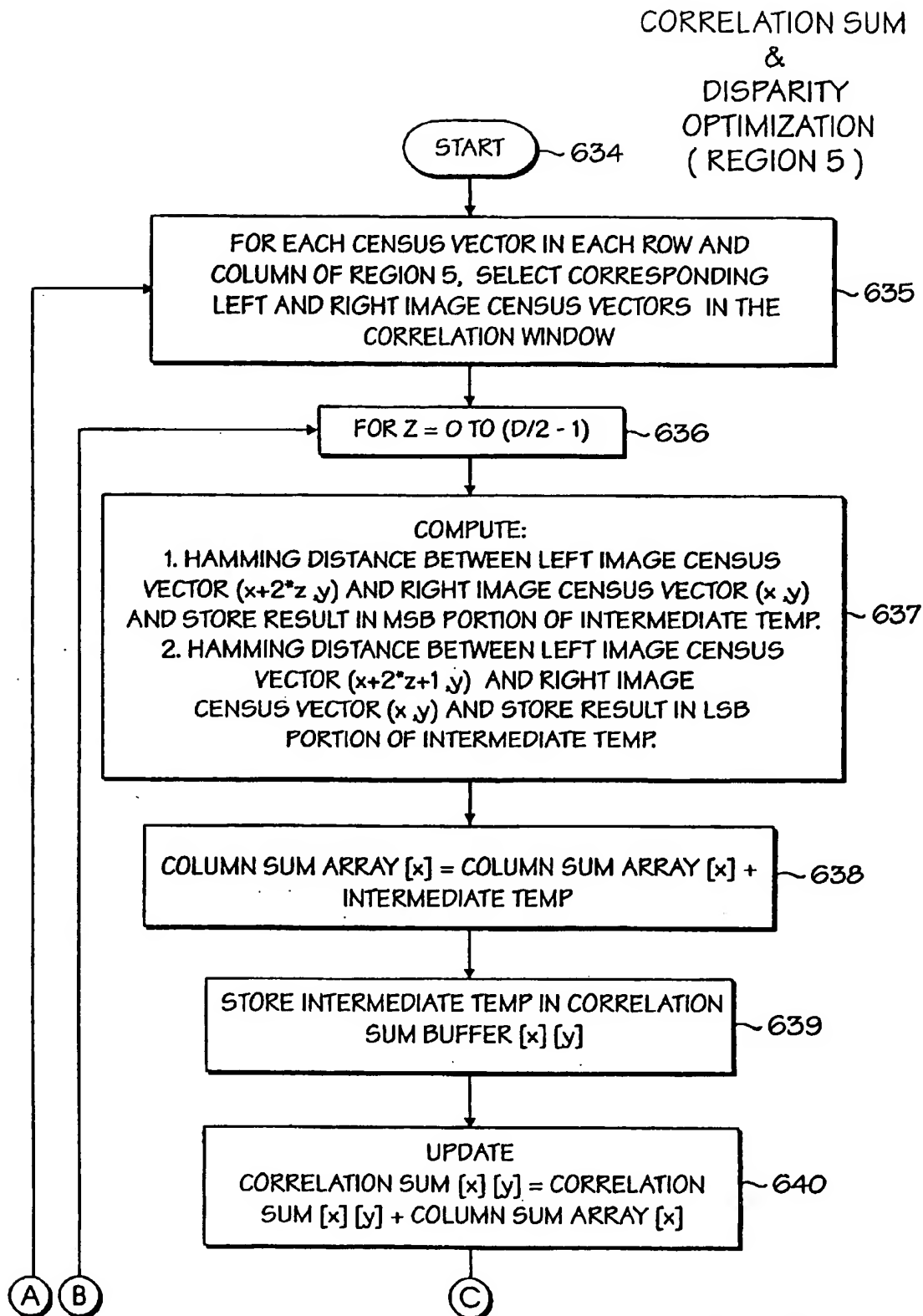


FIG. 23(A)

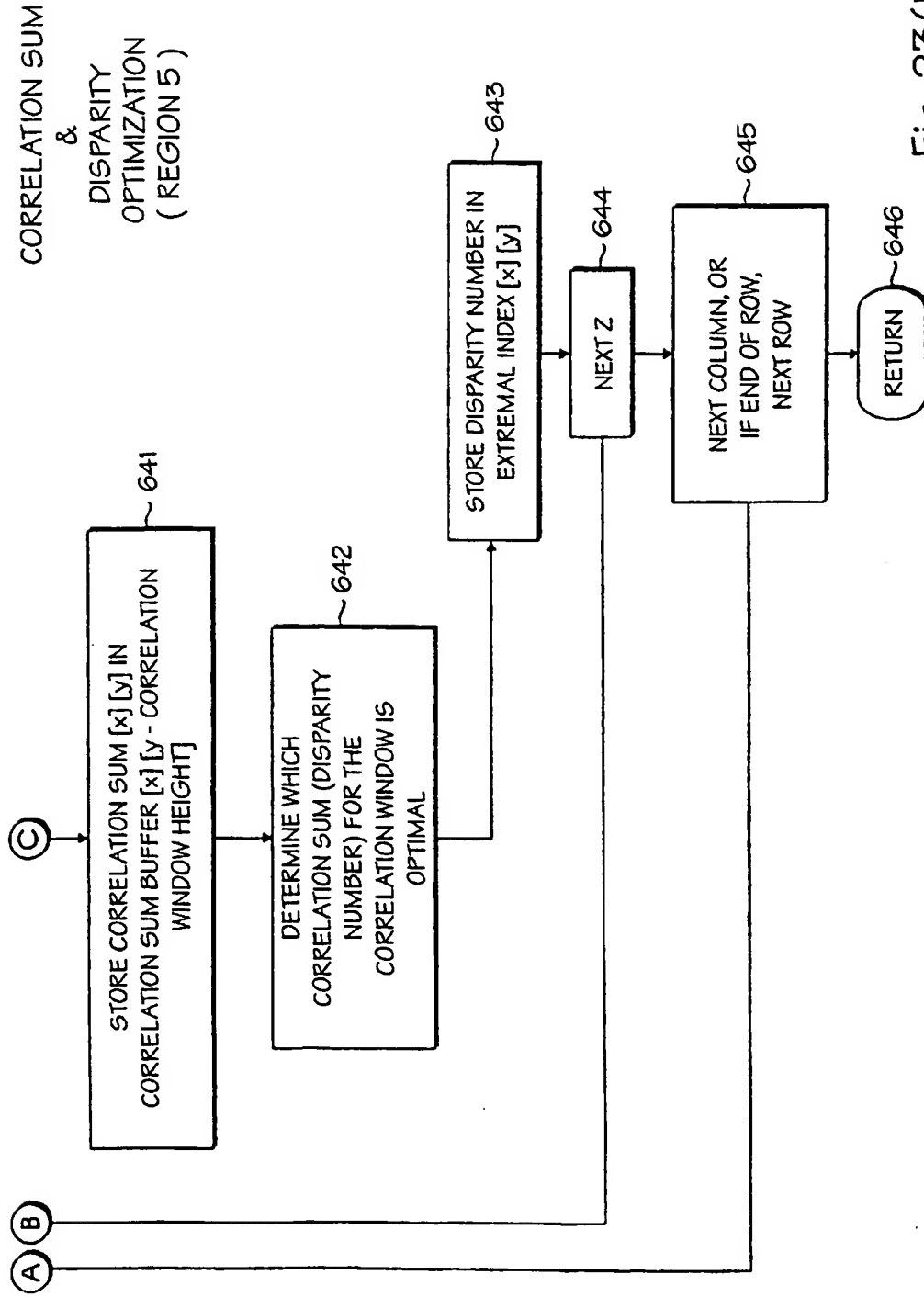


Fig. 23(B)

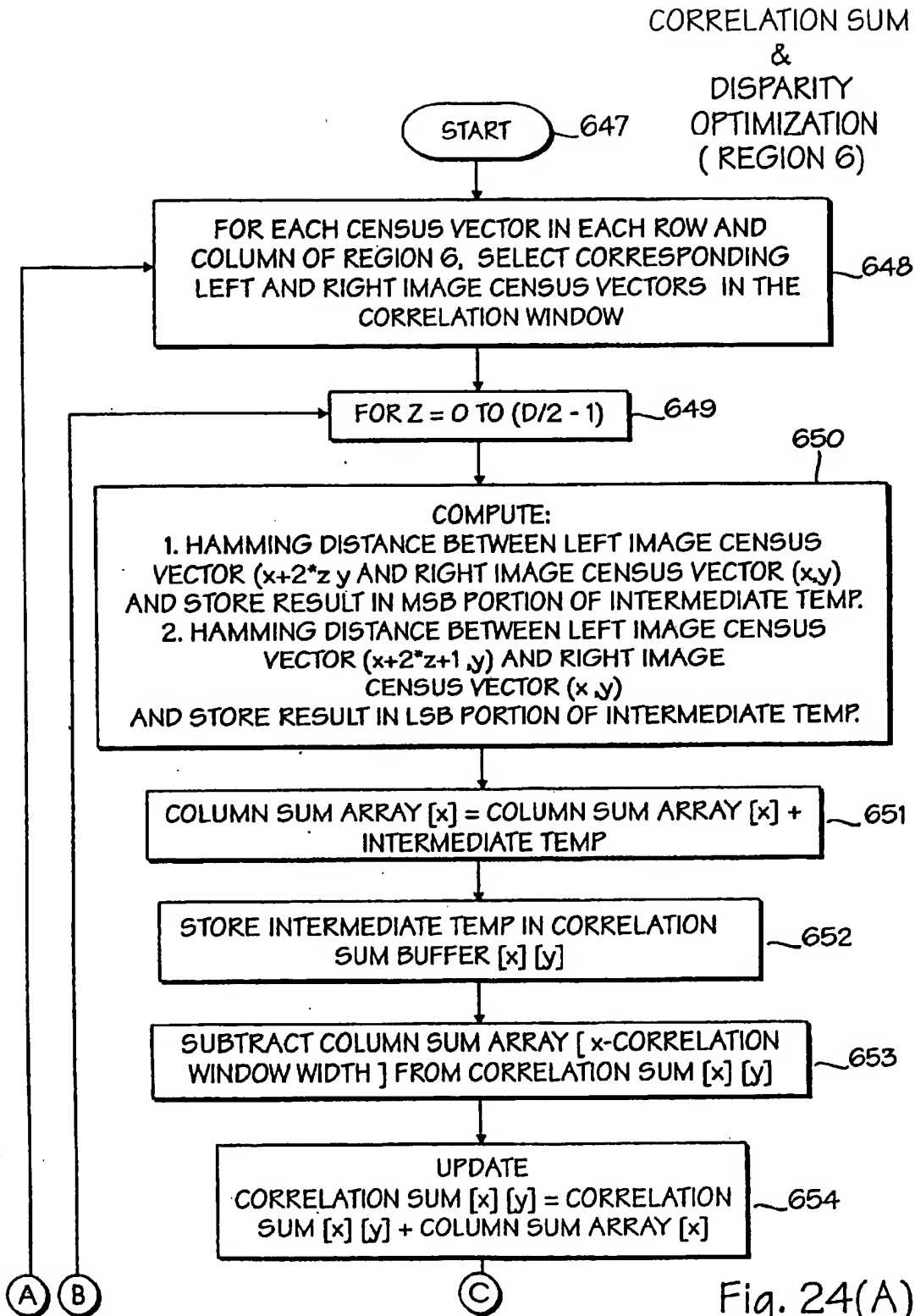
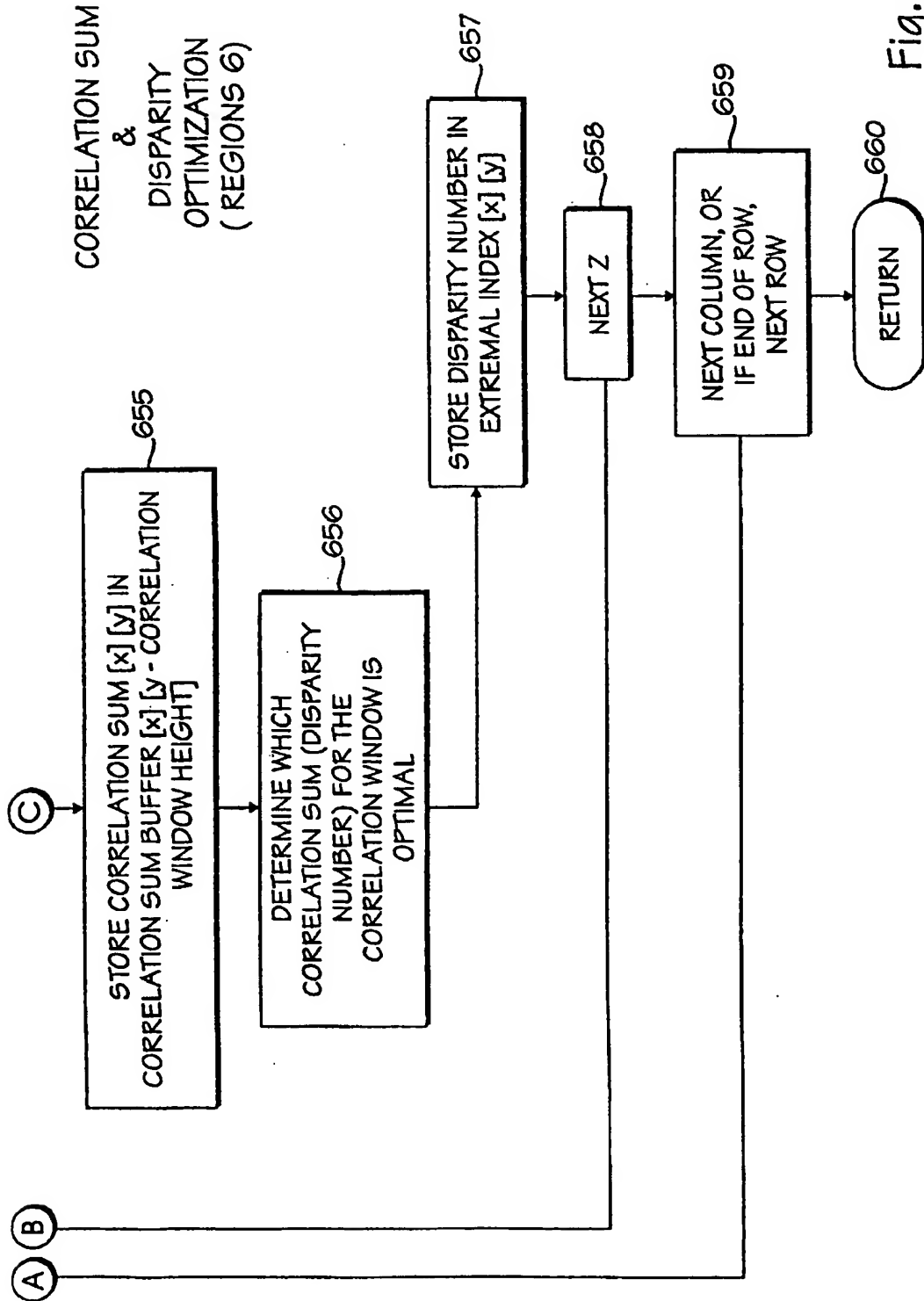


Fig. 24(A)



CORRELATION SUM  
 &  
 DISPARITY  
 OPTIMIZATION  
 (REGIONS 7 & 8)

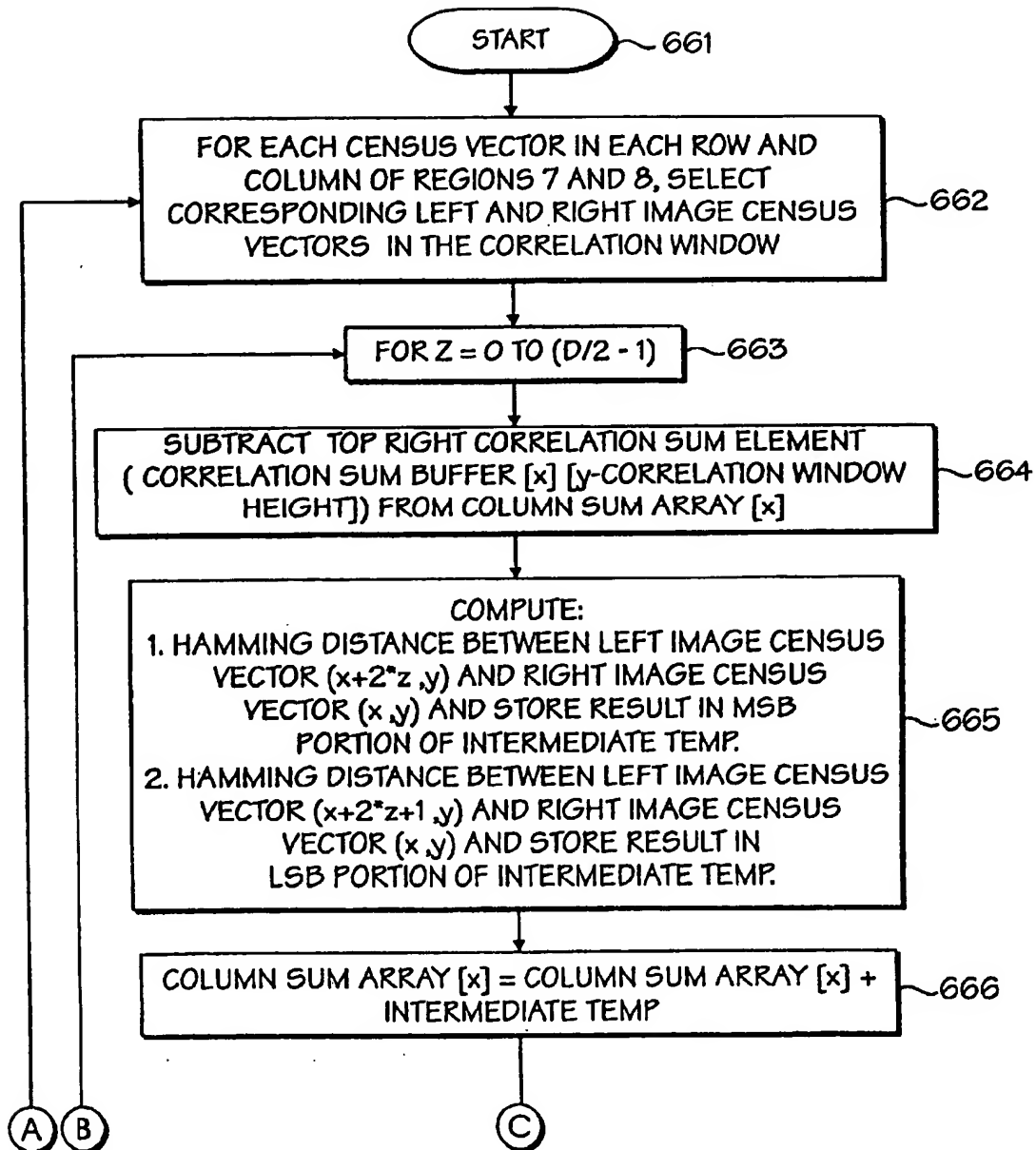


Fig. 25(A)

CORRELATION SUM  
 &  
 DISPARITY  
 OPTIMIZATION  
 (REGIONS 7 & 8)

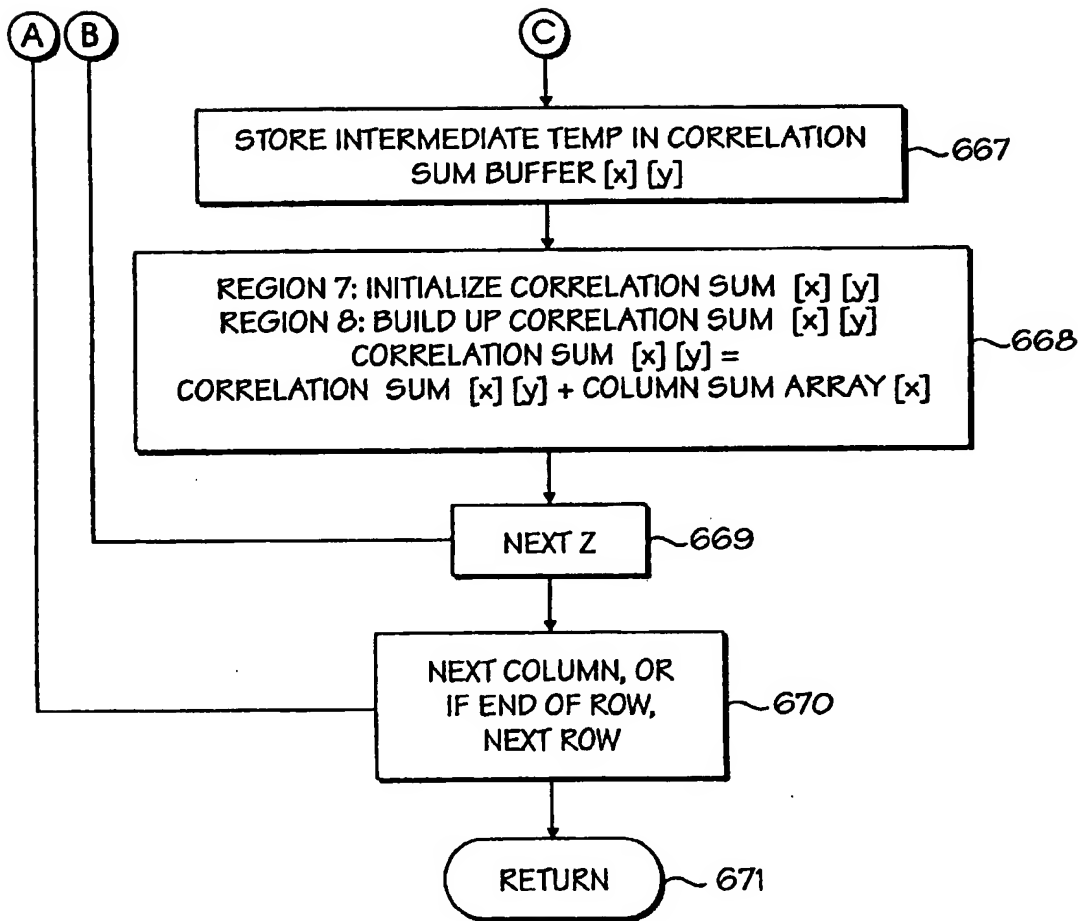


Fig. 25(B)



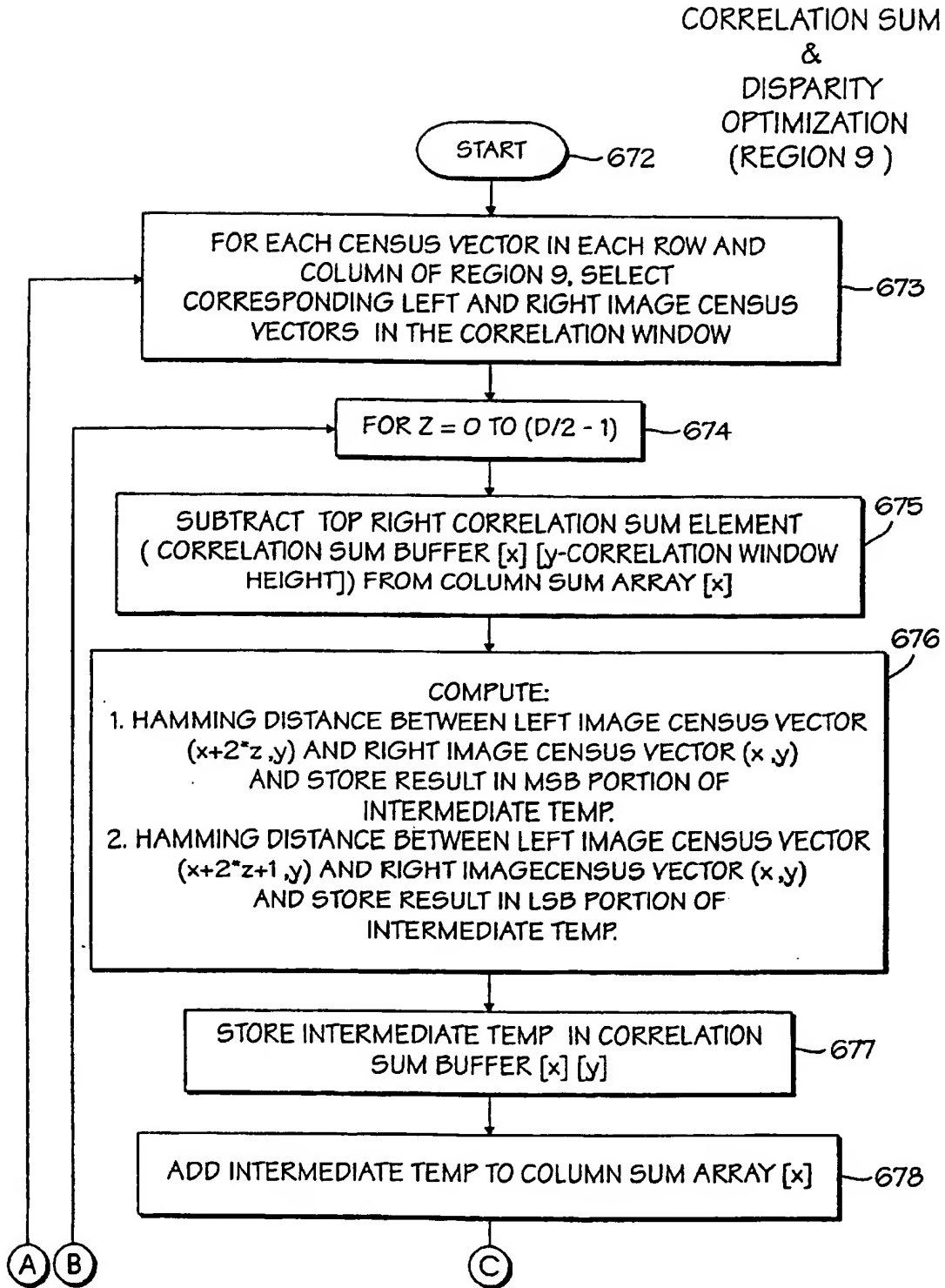
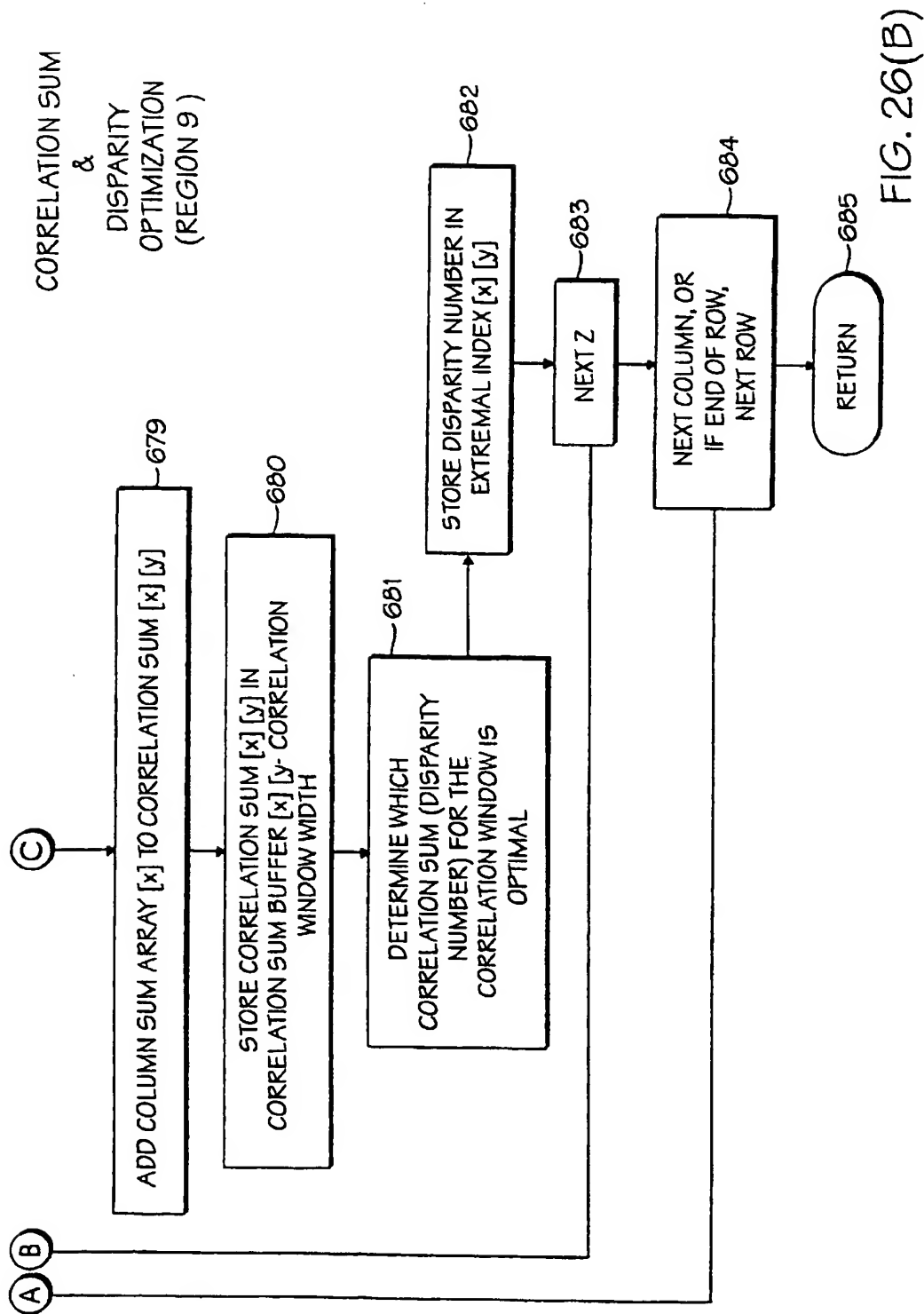


FIG. 26(A)



CORRELATION SUM  
 &  
 DISPARITY OPTIMIZATION  
 (REGION 10)

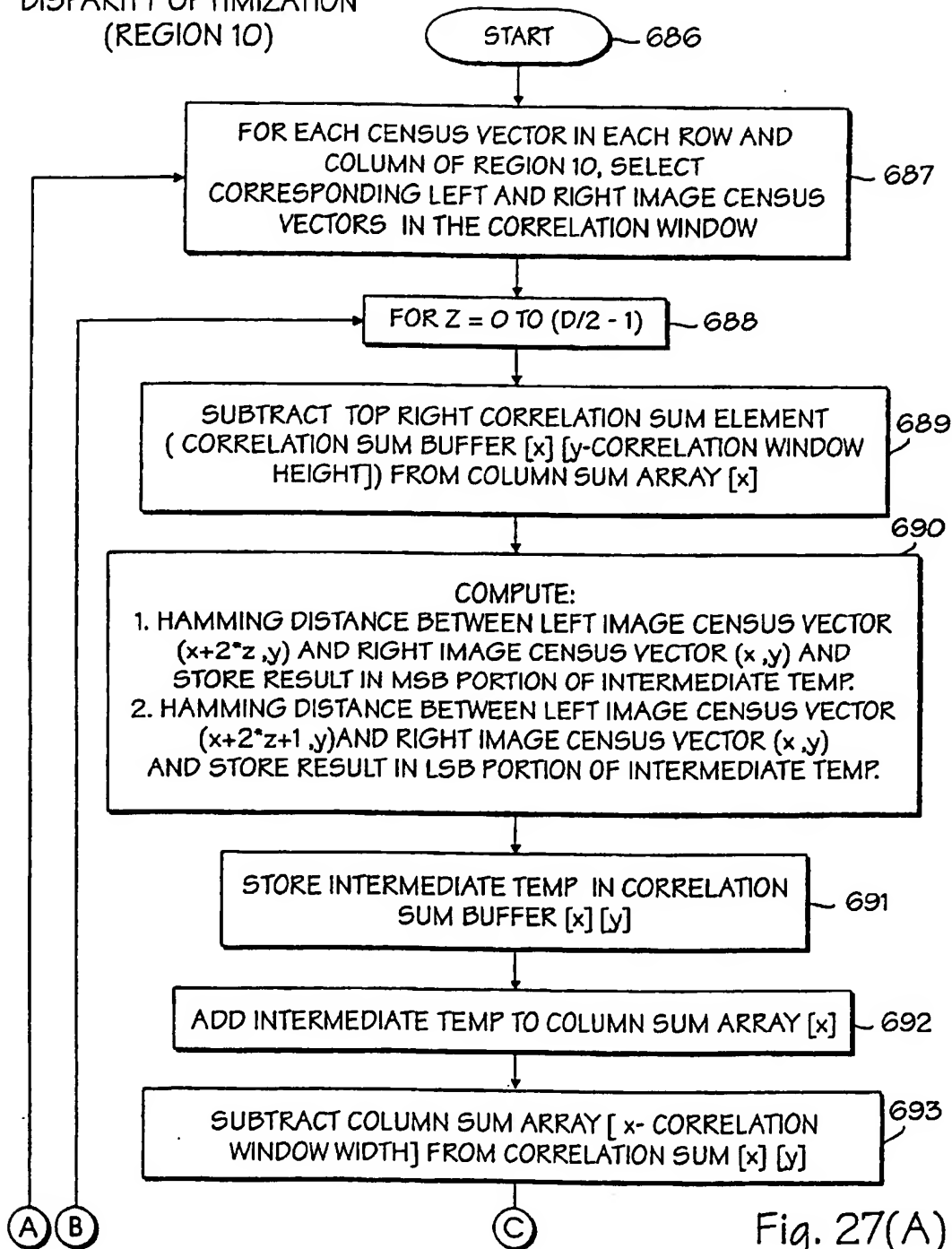
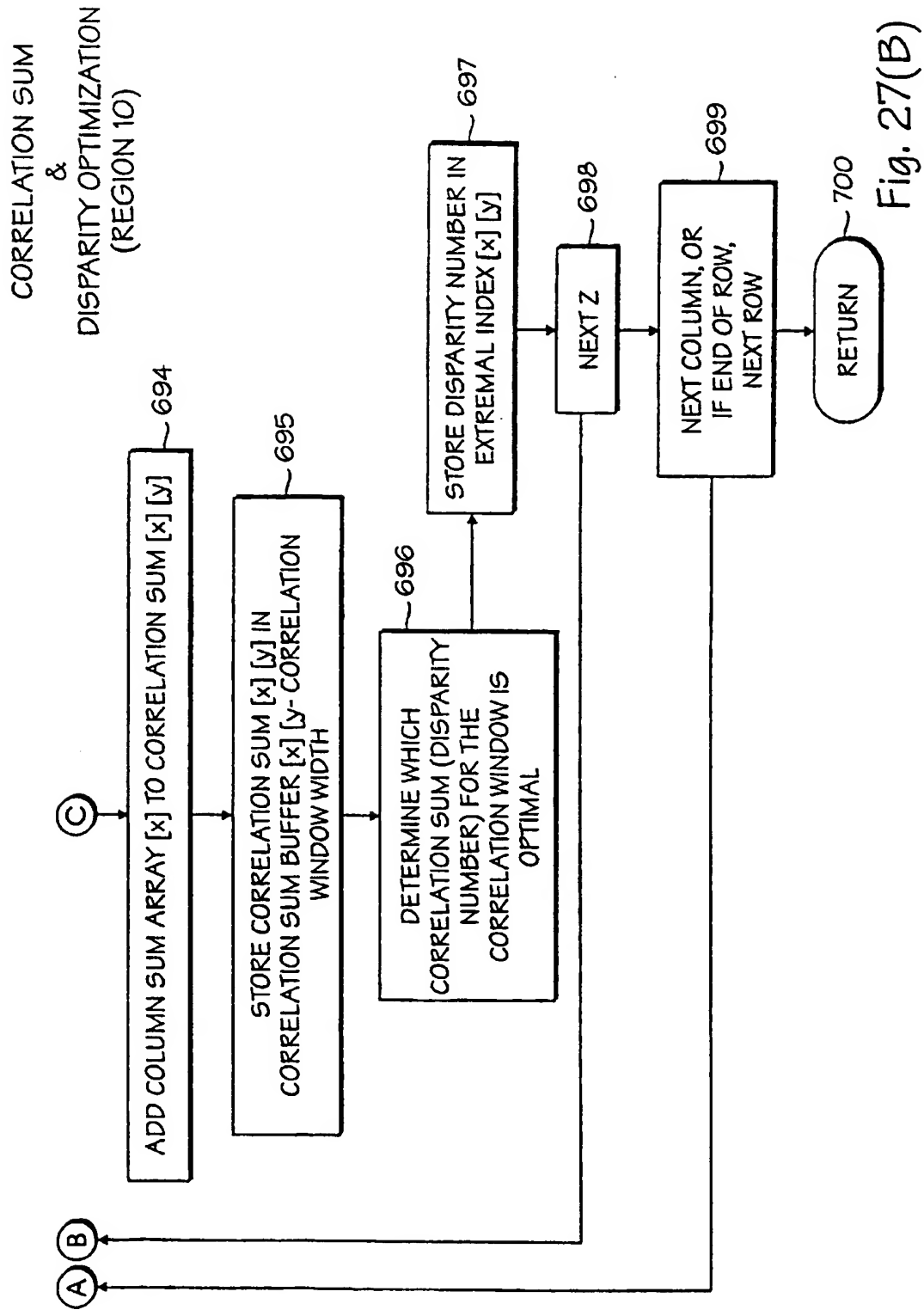


Fig. 27(A)



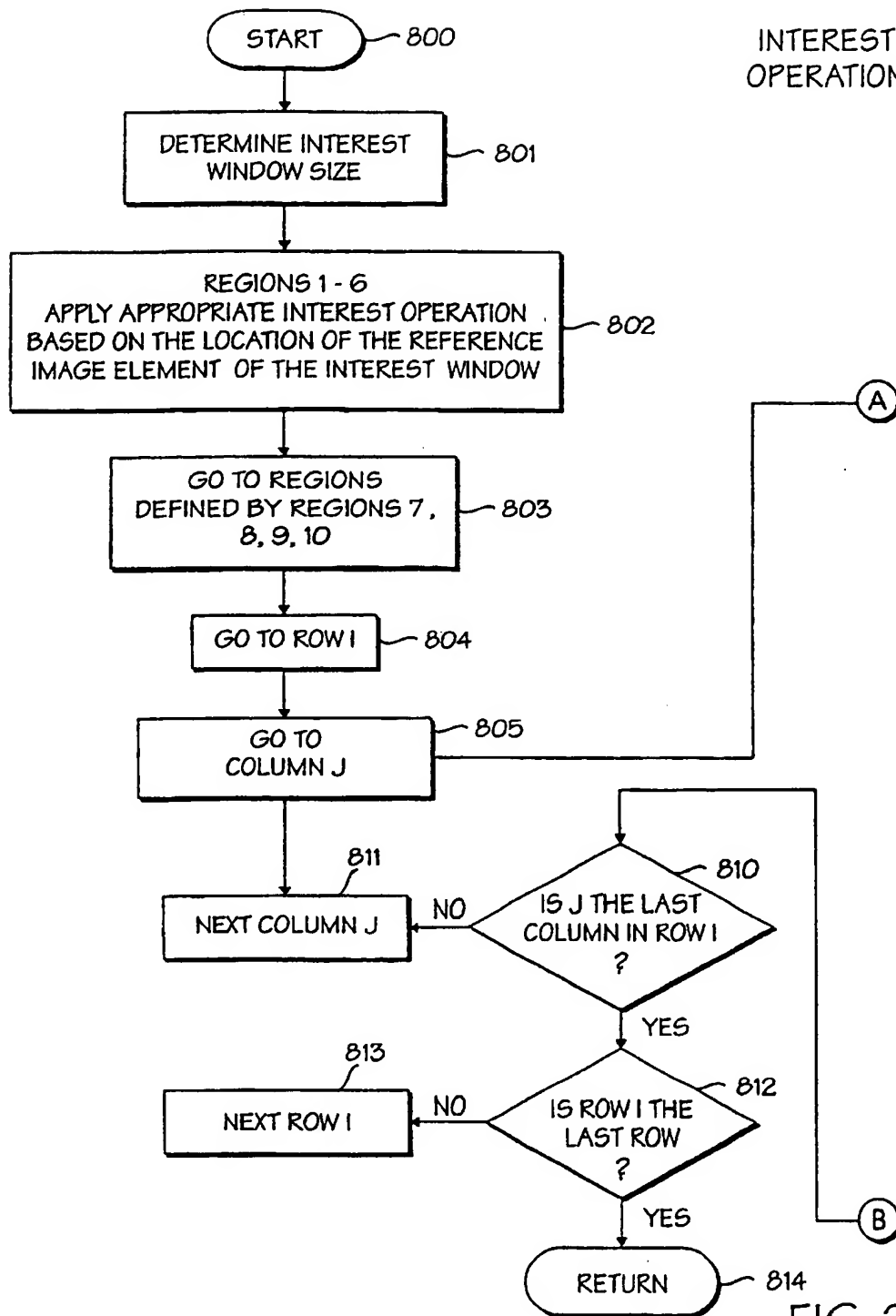


FIG. 28(A)

## INTEREST OPERATION

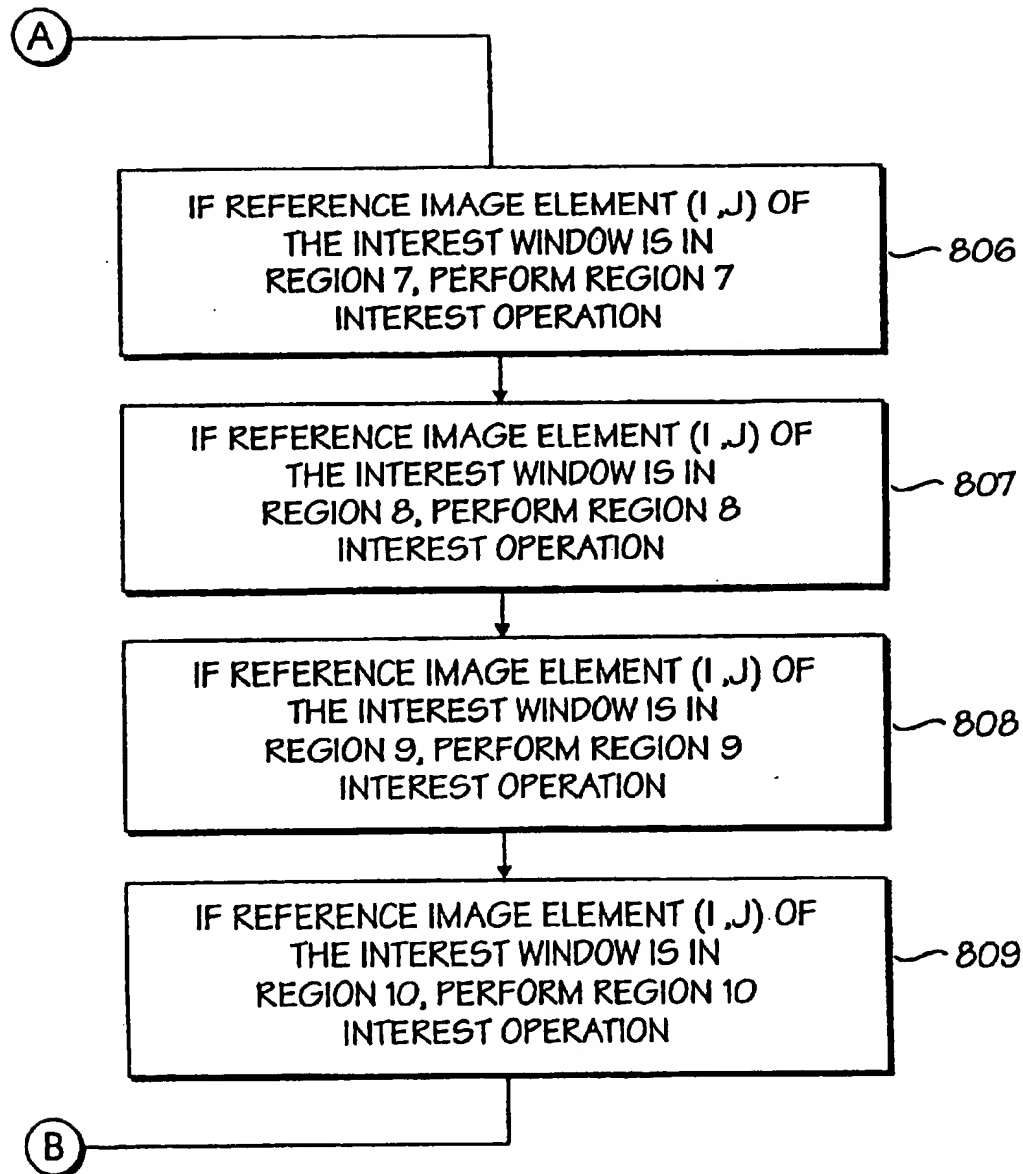


FIG. 28(B)

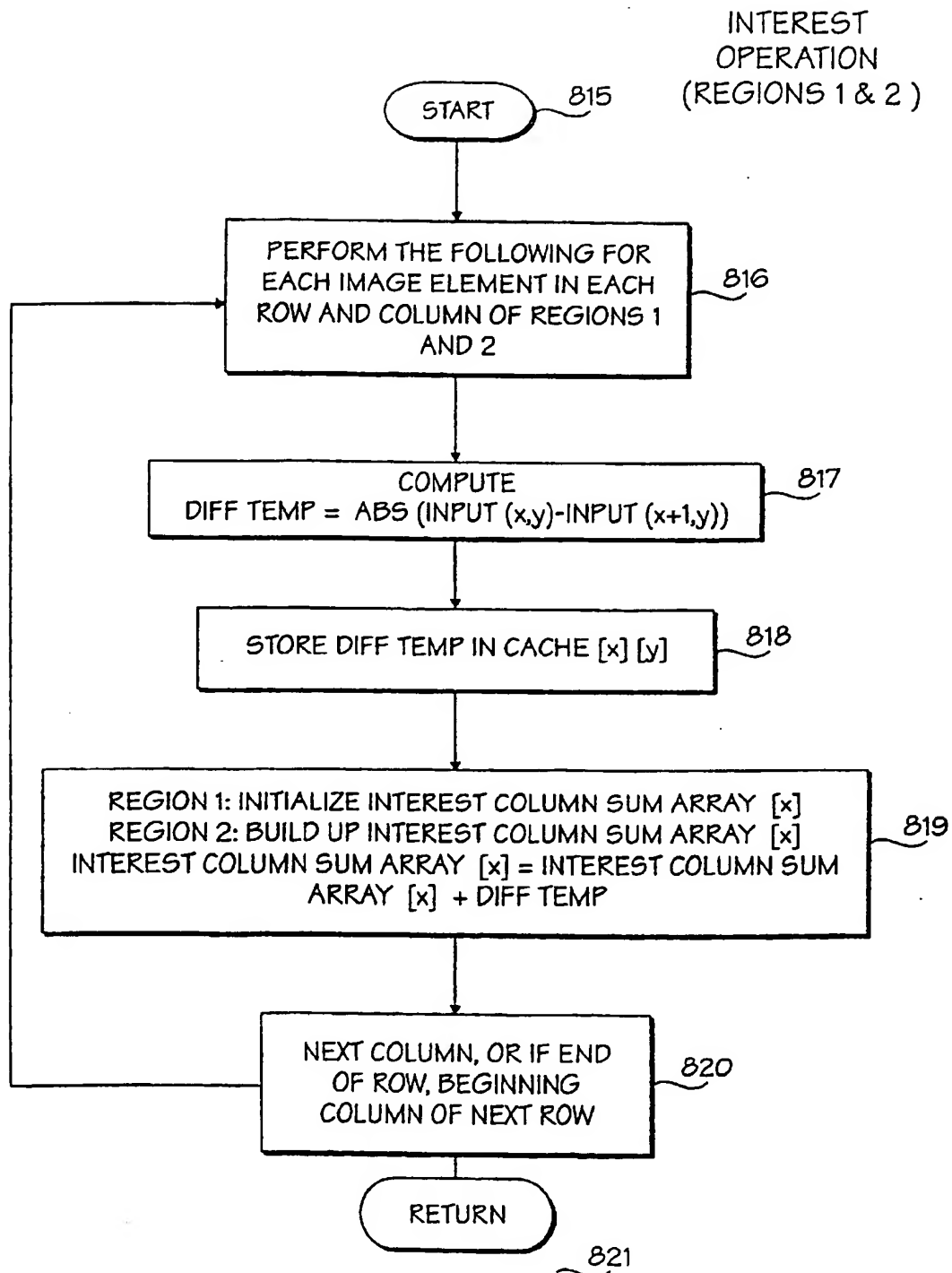


FIG. 29

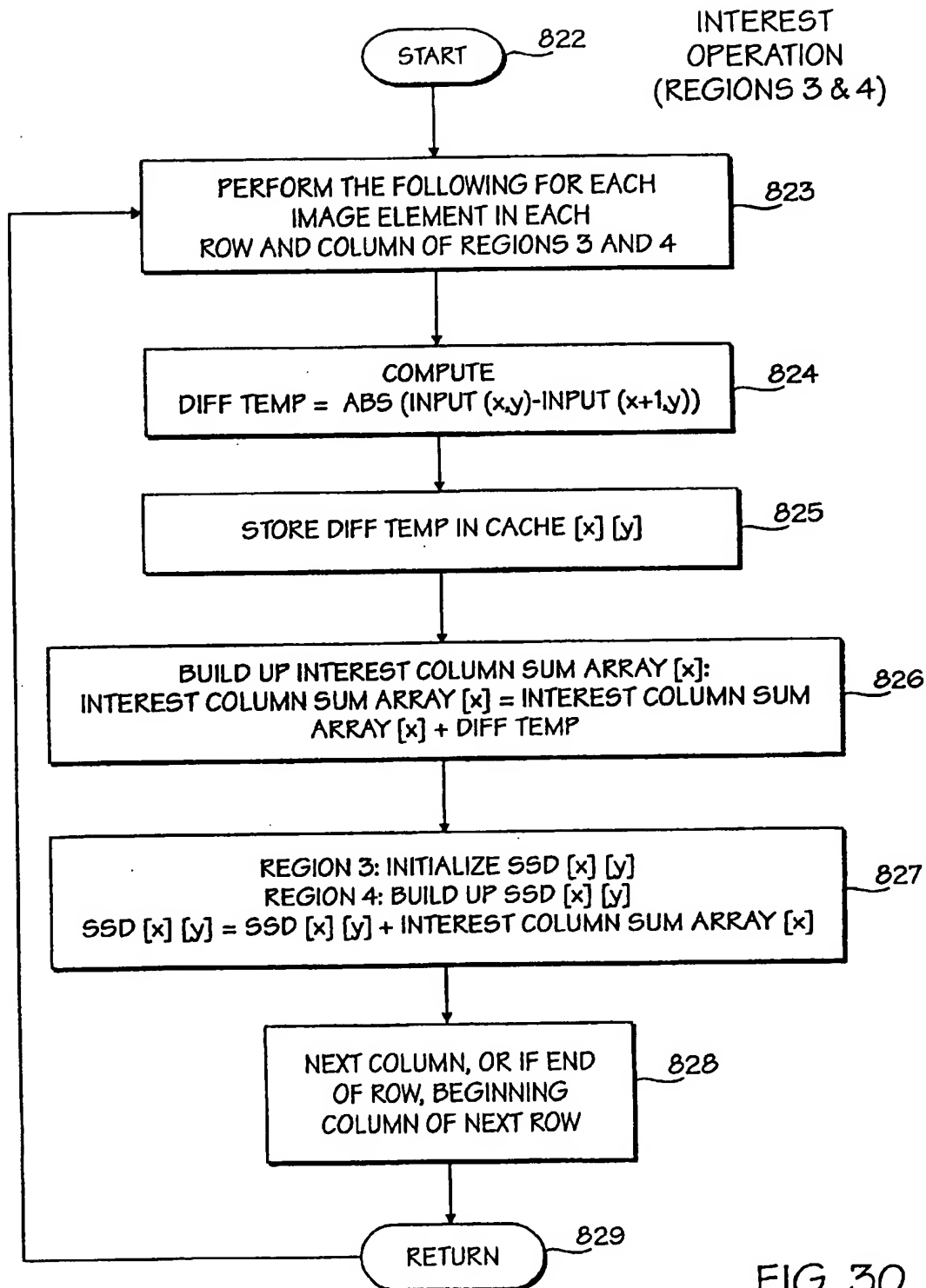


FIG. 30



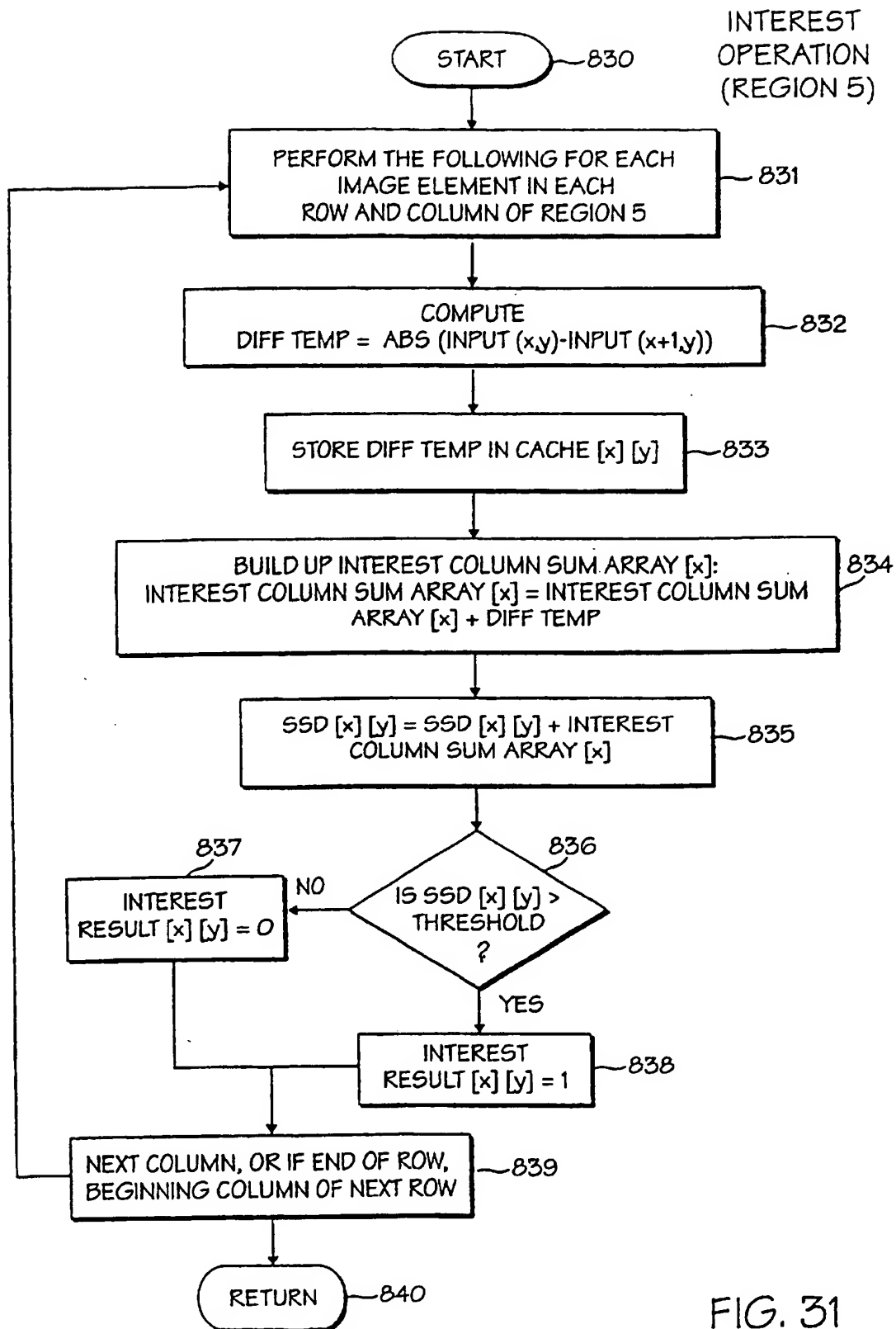


FIG. 31

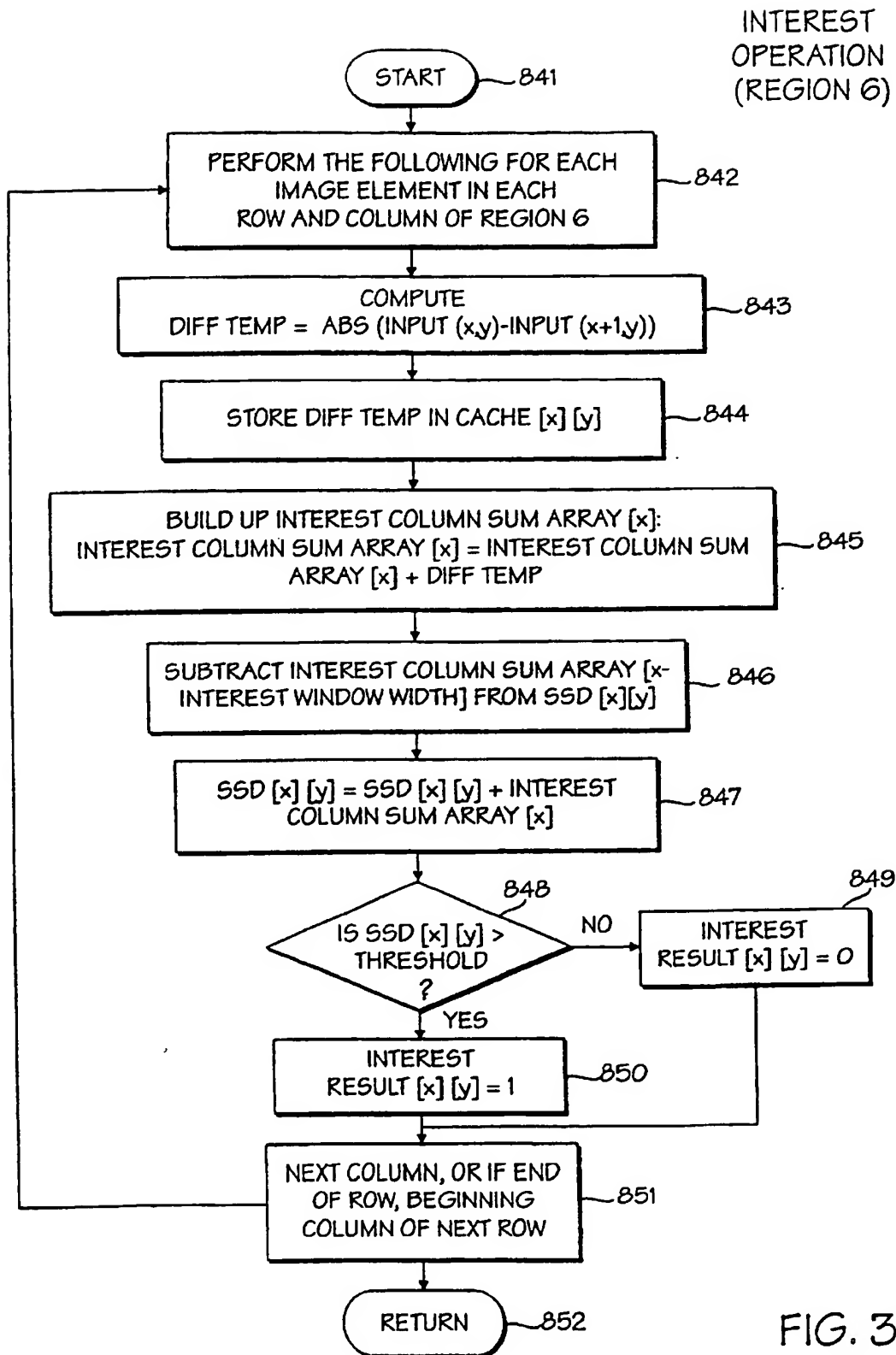


FIG. 32

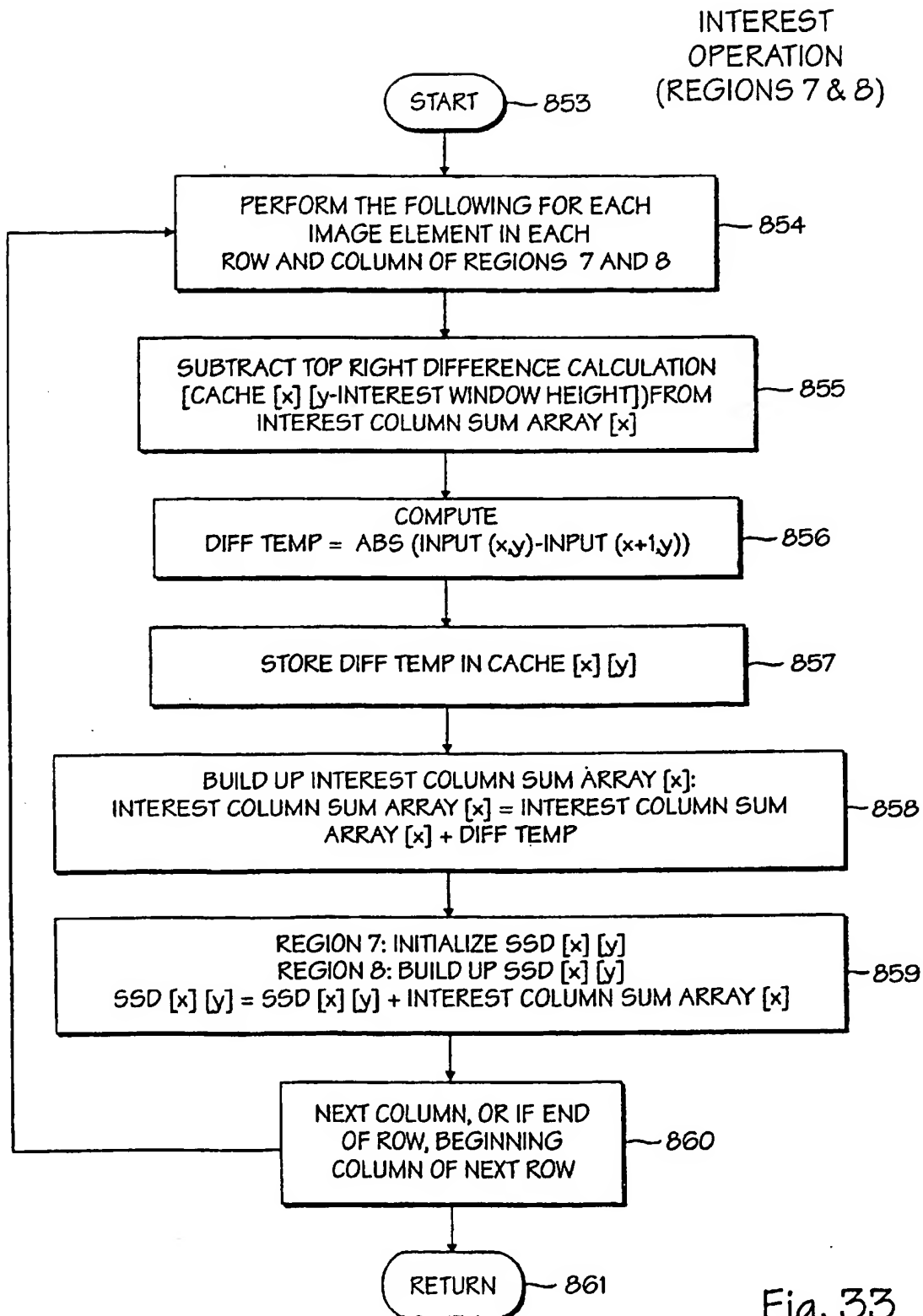


Fig. 33

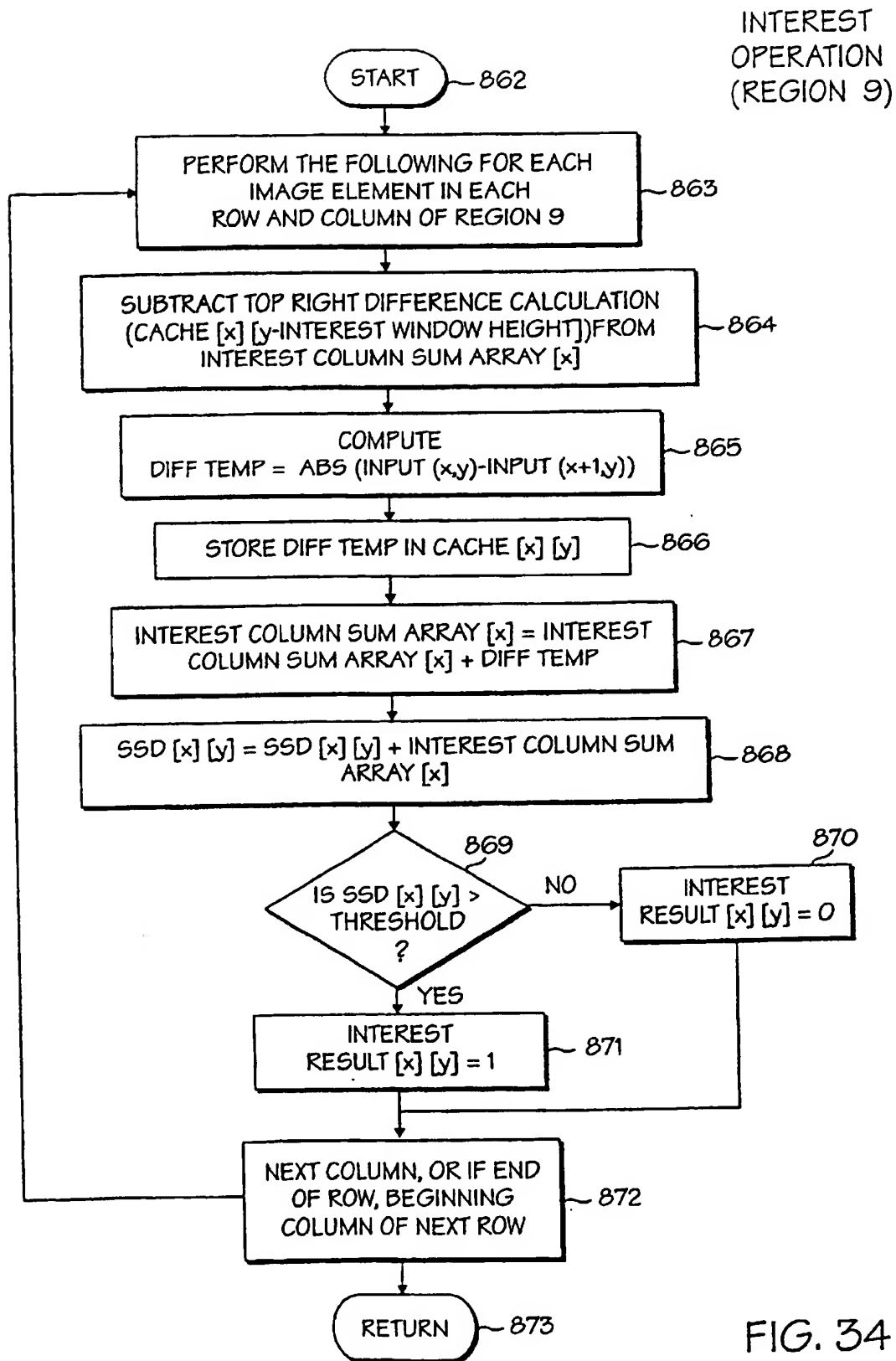


FIG. 34

INTEREST  
OPERATION  
(REGION 10)

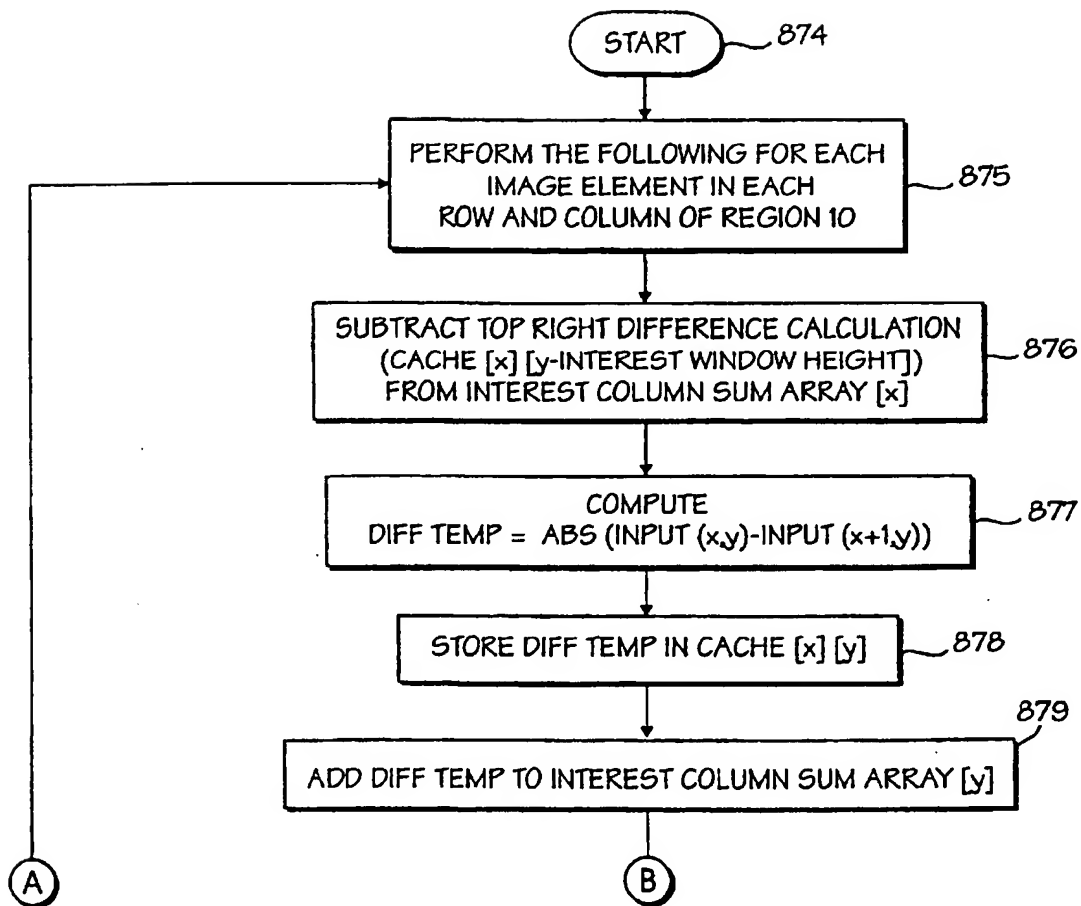


Fig. 35(A)

INTEREST  
OPERATION  
(REGION 10)

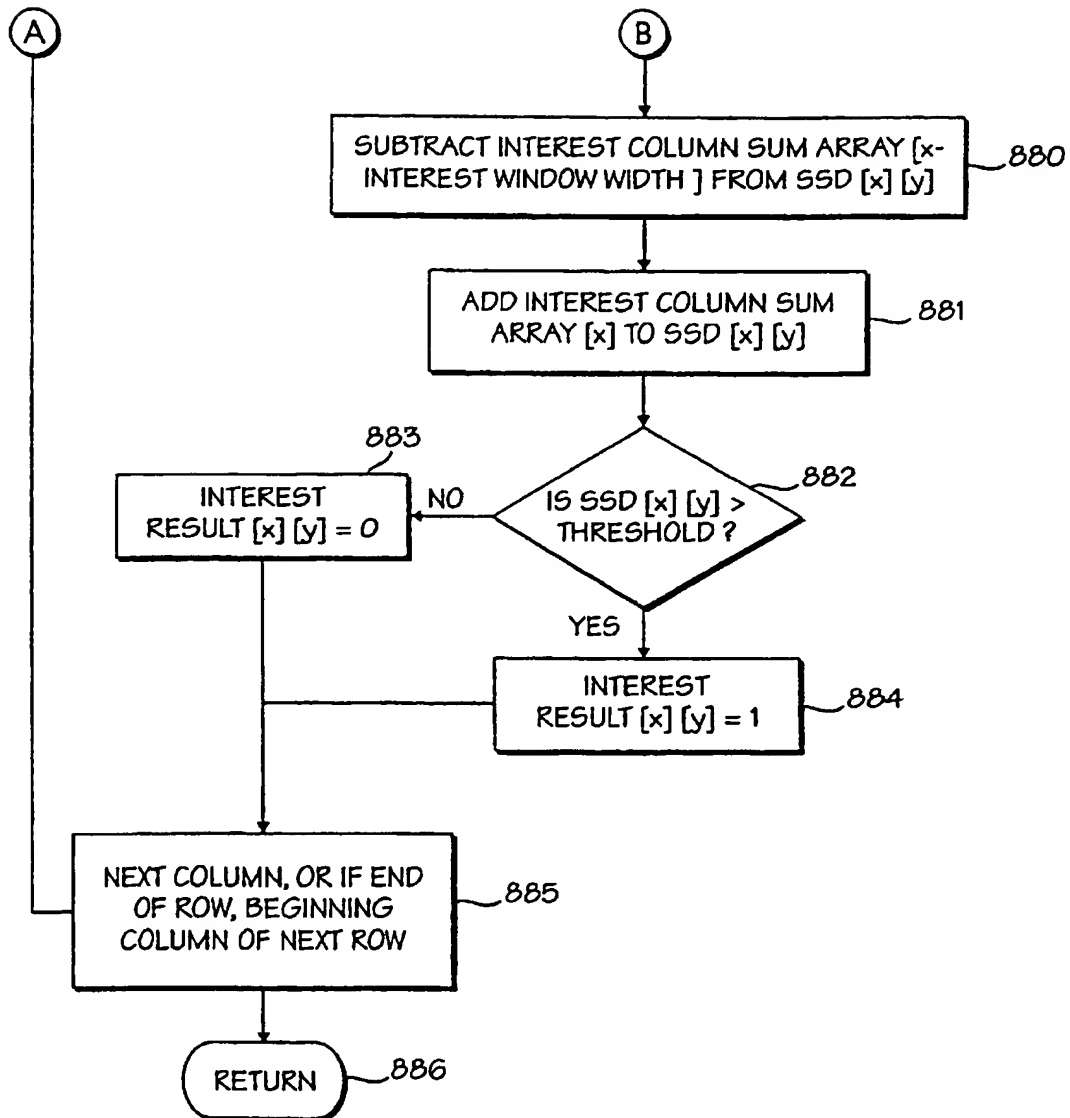


Fig. 35(B)

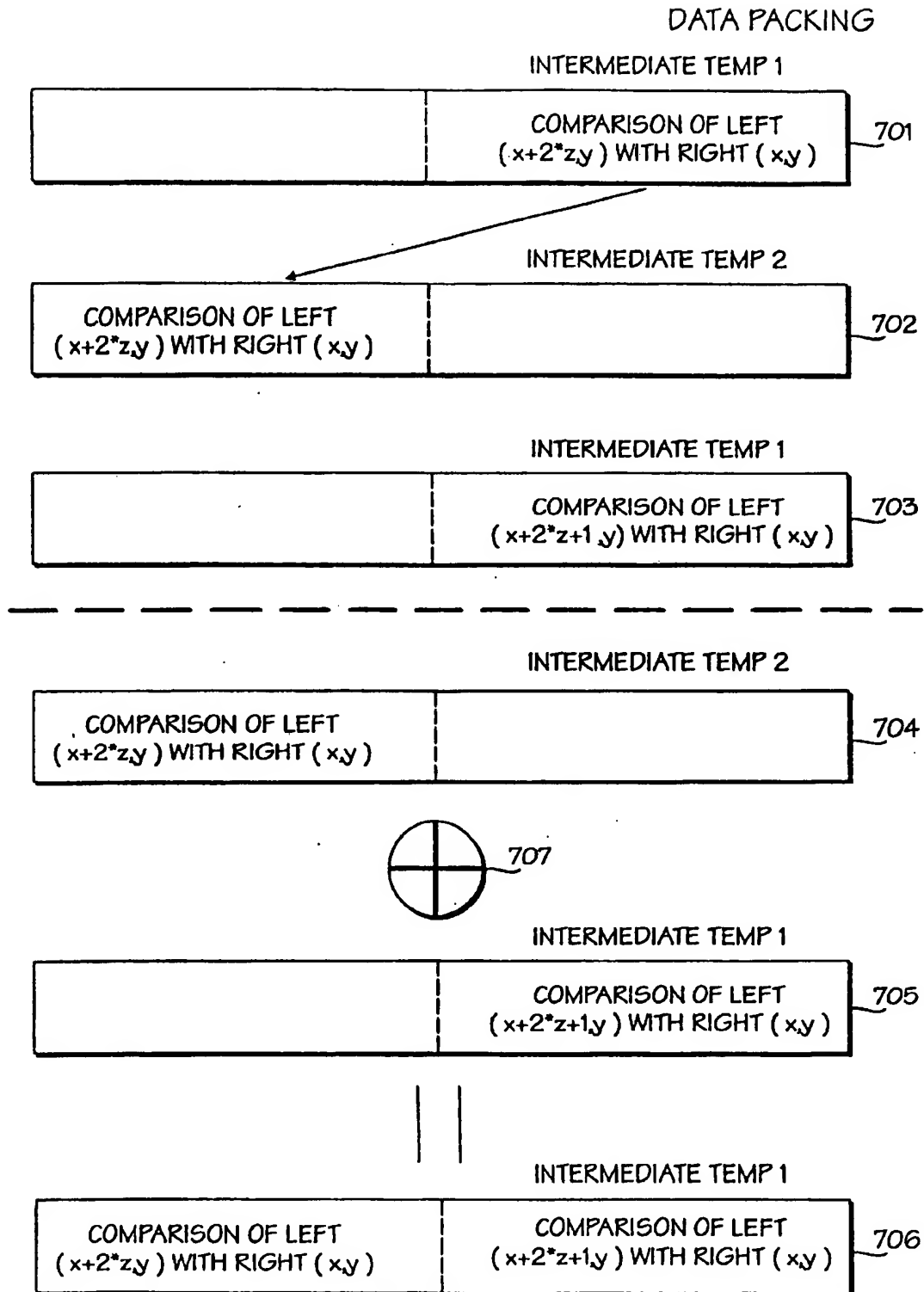


FIG. 36

# LEFT - RIGHT CONSISTENCY CHECK

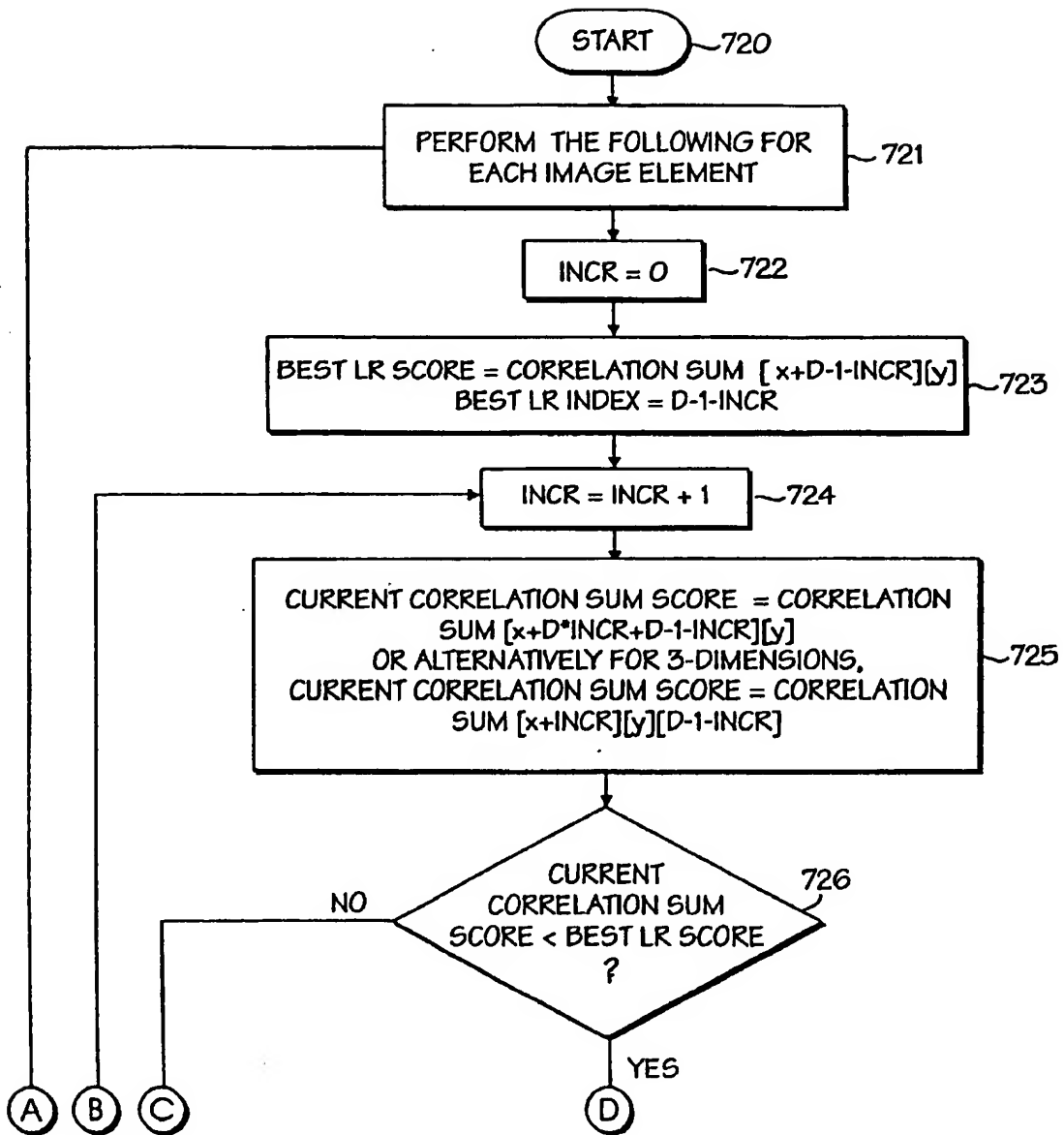


FIG. 37(A)



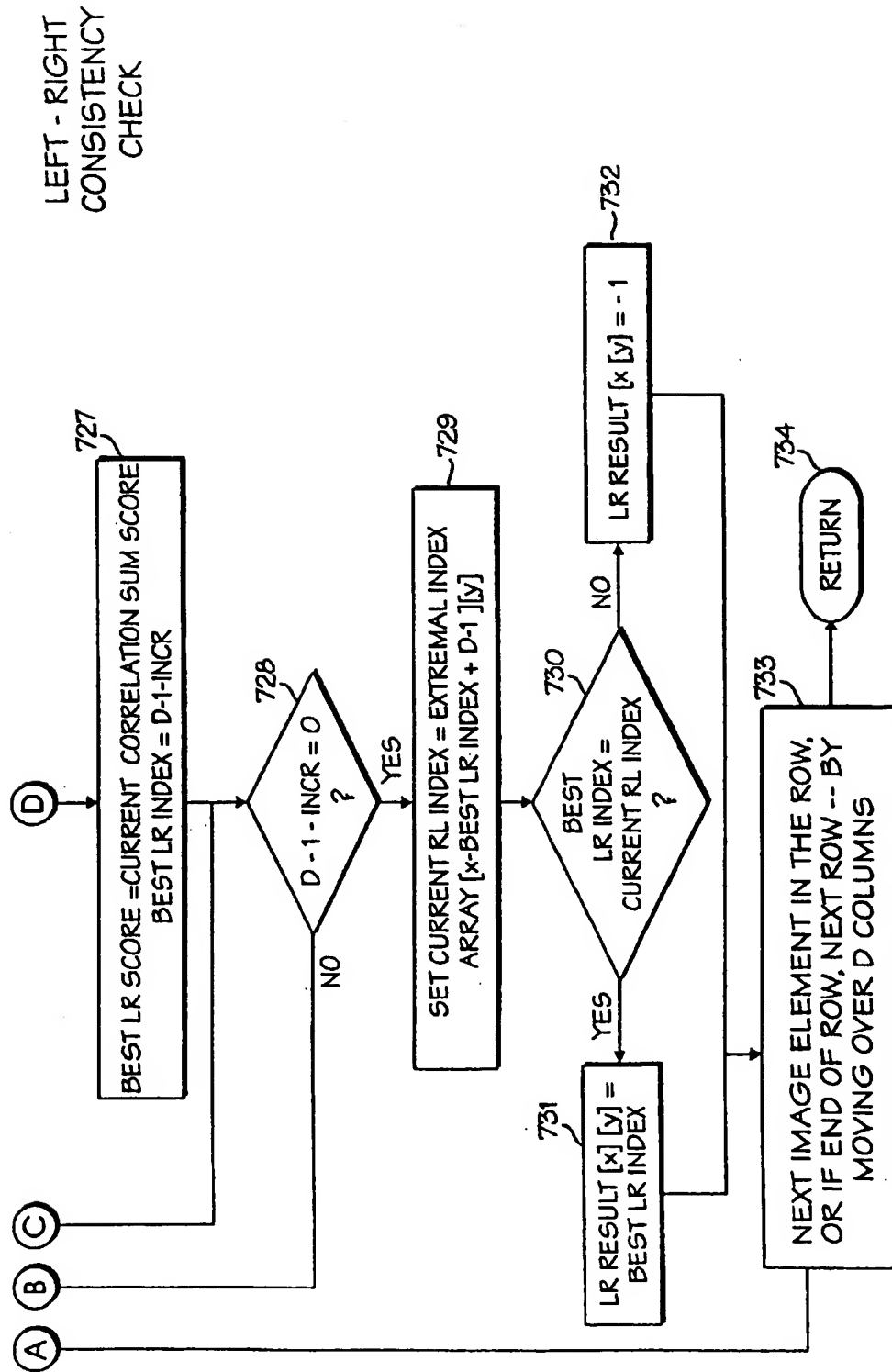
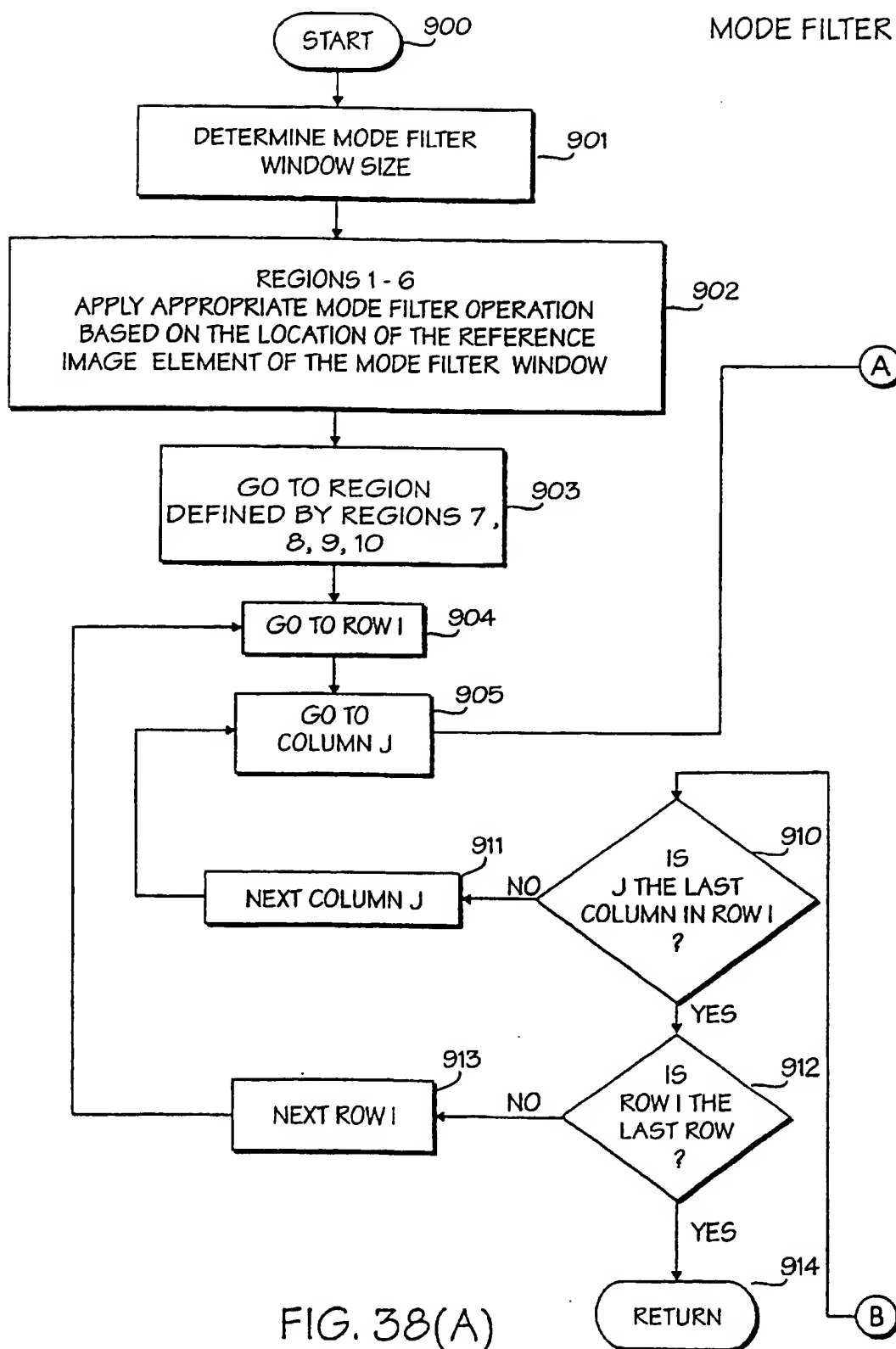


FIG. 37(B)



## MODE FILTER

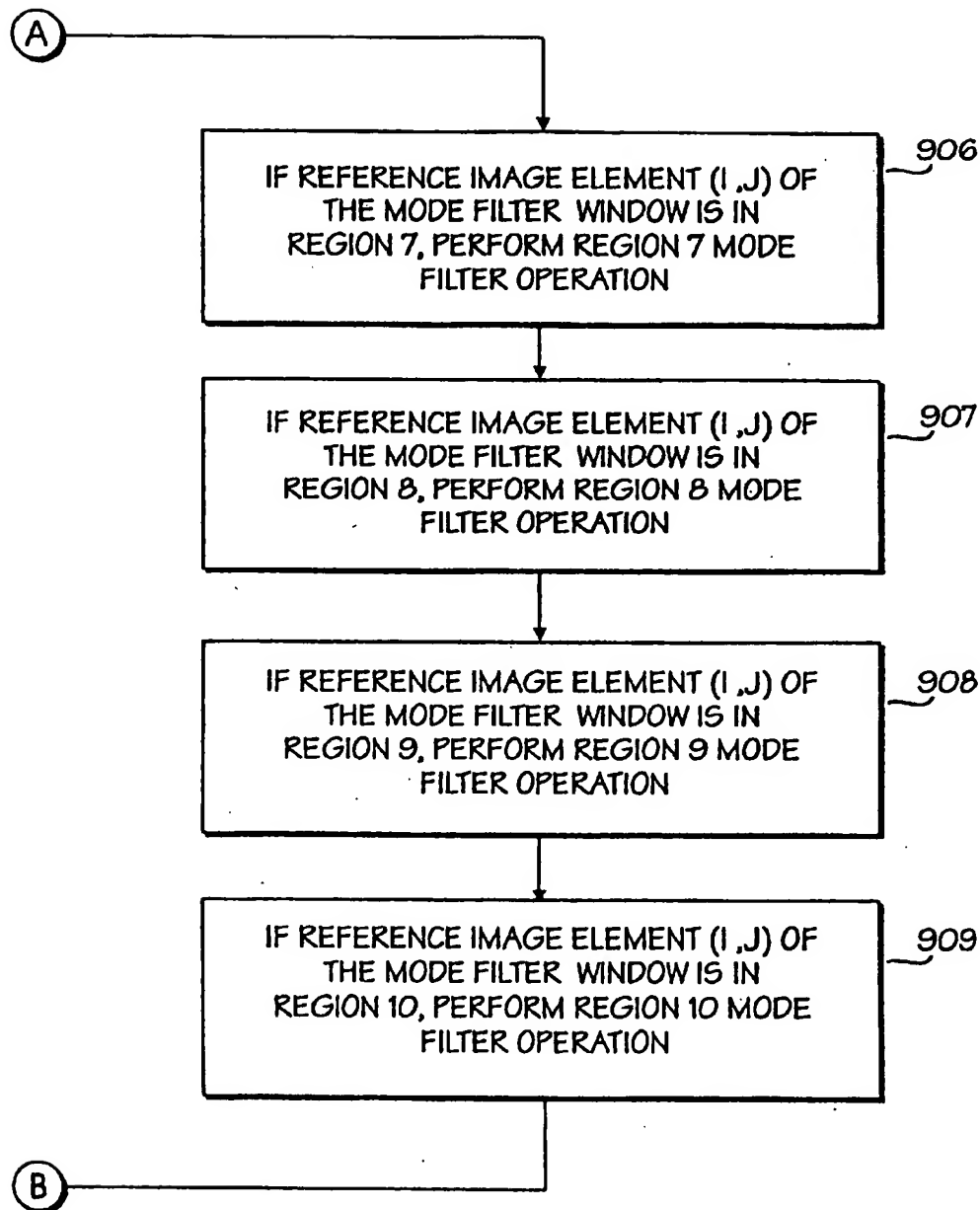


FIG. 38(B)

# MODE FILTER ( REGIONS 1 & 2 )

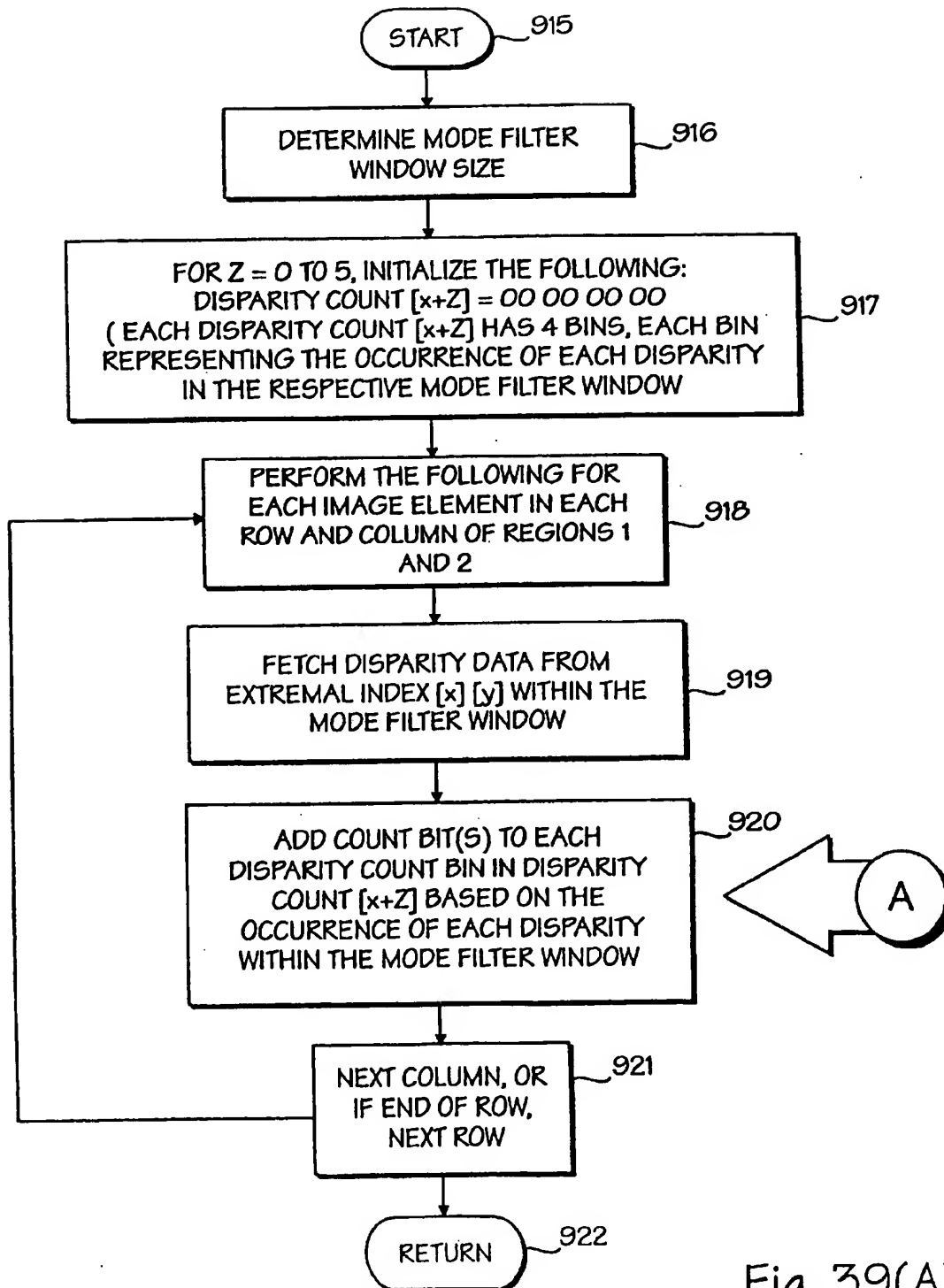


Fig. 39(A)

MODE FILTER  
 ( REGIONS 1 & 2 )

923

<u>DISP</u>	<u>DISPARITY COUNT [x+Z]</u>
0	[x] <span style="border: 1px solid black;">00</span> 00 00 00
1	[x]    00 <span style="border: 1px solid black;">00</span> 00 00
2	[x]    00 00 <span style="border: 1px solid black;">00</span> 00
3	[x]    00 00 00 <span style="border: 1px solid black;">00</span>
4	[x+1] <span style="border: 1px solid black;">00</span> 00 00 00
5	[x+1] 00 <span style="border: 1px solid black;">00</span> 00 00
6	[x+1] 00 00 <span style="border: 1px solid black;">00</span> 00
7	[x+1] 00 00 00 <span style="border: 1px solid black;">00</span>
8	[x+2] <span style="border: 1px solid black;">00</span> 00 00 00
9	[x+2] 00 <span style="border: 1px solid black;">00</span> 00 00
10	[x+2] 00 00 <span style="border: 1px solid black;">00</span> 00
11	[x+2] 00 00 00 <span style="border: 1px solid black;">00</span>
12	[x+3] <span style="border: 1px solid black;">00</span> 00 00 00
13	[x+3] 00 <span style="border: 1px solid black;">00</span> 00 00
14	[x+3] 00 00 <span style="border: 1px solid black;">00</span> 00
15	[x+3] 00 00 00 <span style="border: 1px solid black;">00</span>
16	[x+4] <span style="border: 1px solid black;">00</span> 00 00 00
17	[x+4] 00 <span style="border: 1px solid black;">00</span> 00 00
18	[x+4] 00 00 <span style="border: 1px solid black;">00</span> 00
19	[x+4] 00 00 00 <span style="border: 1px solid black;">00</span>
20	[x+5] <span style="border: 1px solid black;">00</span> 00 00 00
21	[x+5] 00 <span style="border: 1px solid black;">00</span> 00 00
22	[x+5] 00 00 <span style="border: 1px solid black;">00</span> 00
23	[x+5] 00 00 00 <span style="border: 1px solid black;">00</span>

A

Fig. 39(B)

MODE FILTER  
 ( REGIONS 3 & 4 )

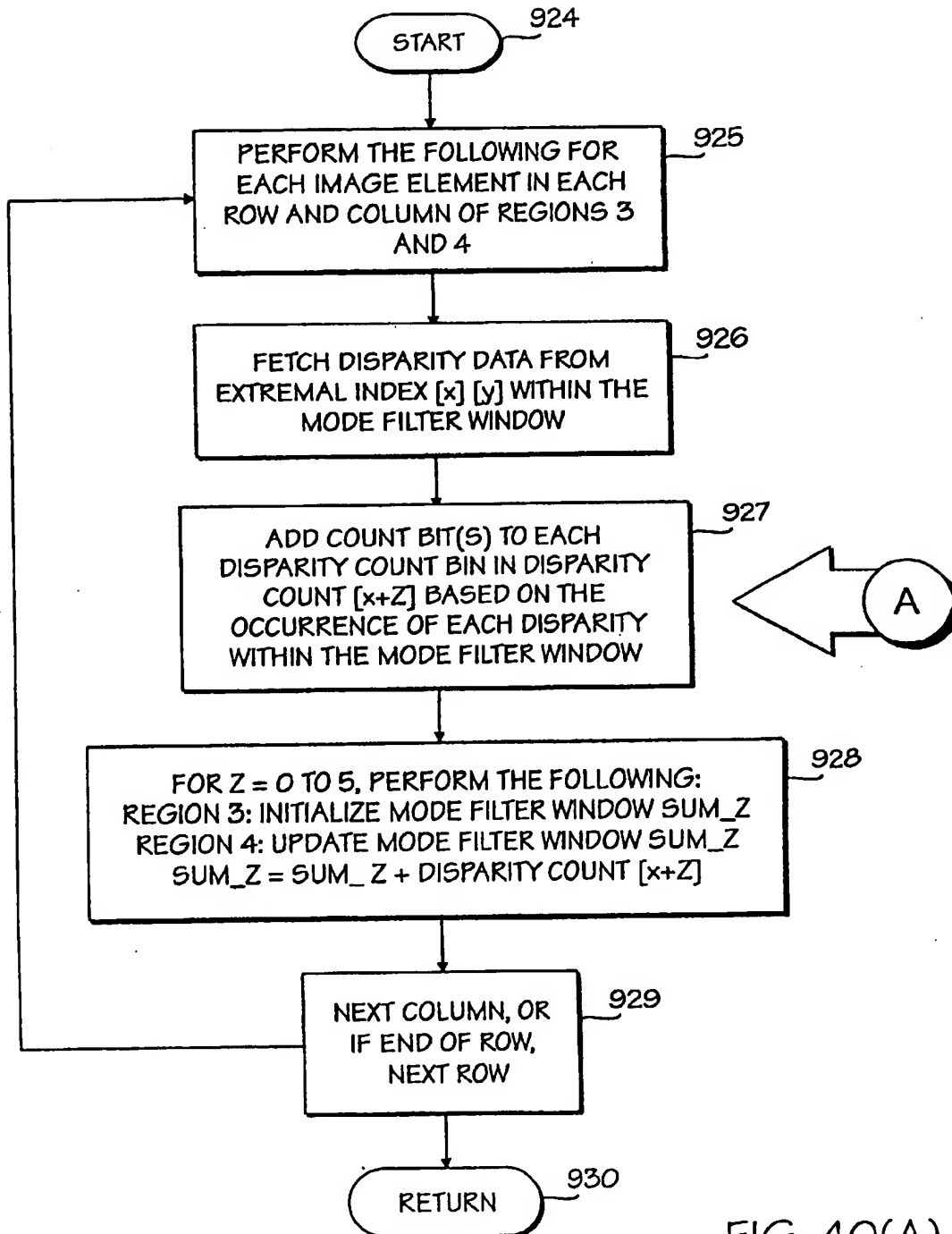


FIG. 40(A)

MODE FILTER  
 ( REGIONS 3 & 4)

931

<u>DISP</u>		<u>DISPARITY COUNT [x+Z]</u>
0	[x]	<span style="border: 1px solid black;">00</span> 00 00 00
1	[x]	00 <span style="border: 1px solid black;">00</span> 00 00
2	[x]	00 00 <span style="border: 1px solid black;">00</span> 00
3	[x]	00 00 00 <span style="border: 1px solid black;">00</span>
4	[x+1]	<span style="border: 1px solid black;">00</span> 00 00 00
5	[x+1]	00 <span style="border: 1px solid black;">00</span> 00 00
6	[x+1]	00 00 <span style="border: 1px solid black;">00</span> 00
7	[x+1]	00 00 00 <span style="border: 1px solid black;">00</span>
8	[x+2]	<span style="border: 1px solid black;">00</span> 00 00 00
9	[x+2]	00 <span style="border: 1px solid black;">00</span> 00 00
10	[x+2]	00 00 <span style="border: 1px solid black;">00</span> 00
11	[x+2]	00 00 00 <span style="border: 1px solid black;">00</span>
12	[x+3]	<span style="border: 1px solid black;">00</span> 00 00 00
13	[x+3]	00 <span style="border: 1px solid black;">00</span> 00 00
14	[x+3]	00 00 <span style="border: 1px solid black;">00</span> 00
15	[x+3]	00 00 00 <span style="border: 1px solid black;">00</span>
16	[x+4]	<span style="border: 1px solid black;">00</span> 00 00 00
17	[x+4]	00 <span style="border: 1px solid black;">00</span> 00 00
18	[x+4]	00 00 <span style="border: 1px solid black;">00</span> 00
19	[x+4]	00 00 00 <span style="border: 1px solid black;">00</span>
20	[x+5]	<span style="border: 1px solid black;">00</span> 00 00 00
21	[x+5]	00 <span style="border: 1px solid black;">00</span> 00 00
22	[x+5]	00 00 <span style="border: 1px solid black;">00</span> 00
23	[x+5]	00 00 00 <span style="border: 1px solid black;">00</span>

A

FIG. 40(B)

MODE FILTER  
 ( REGION 5)

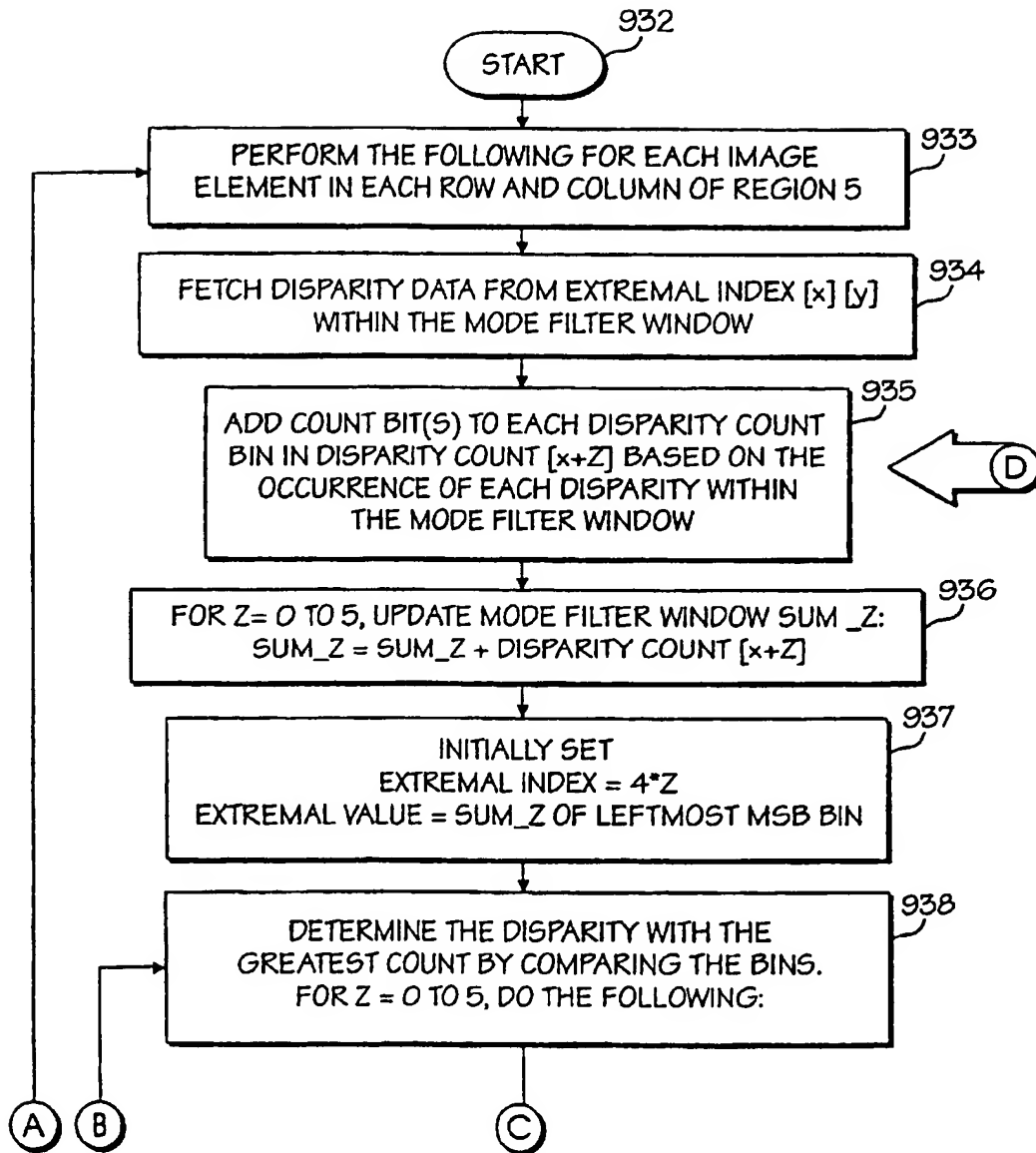


FIG. 41(A)



MODE FILTER  
 ( REGION 5)

951

<u>DISP</u>	<u>DISPARITY COUNT [x+Z]</u>
0	[x] <span style="border: 1px solid black;">00</span> 00 00 00
1	[x]    00 <span style="border: 1px solid black;">00</span> 00 00
2	[x]    00 00 <span style="border: 1px solid black;">00</span> 00
3	[x]    00 00 00 <span style="border: 1px solid black;">00</span>
4	[x+1] <span style="border: 1px solid black;">00</span> 00 00 00
5	[x+1] 00 <span style="border: 1px solid black;">00</span> 00 00
6	[x+1] 00 00 <span style="border: 1px solid black;">00</span> 00
7	[x+1] 00 00 00 <span style="border: 1px solid black;">00</span>
8	[x+2] <span style="border: 1px solid black;">00</span> 00 00 00
9	[x+2] 00 <span style="border: 1px solid black;">00</span> 00 00
10	[x+2] 00 00 <span style="border: 1px solid black;">00</span> 00
11	[x+2] 00 00 00 <span style="border: 1px solid black;">00</span>
12	[x+3] <span style="border: 1px solid black;">00</span> 00 00 00
13	[x+3] 00 <span style="border: 1px solid black;">00</span> 00 00
14	[x+3] 00 00 <span style="border: 1px solid black;">00</span> 00
15	[x+3] 00 00 00 <span style="border: 1px solid black;">00</span>
16	[x+4] <span style="border: 1px solid black;">00</span> 00 00 00
17	[x+4] 00 <span style="border: 1px solid black;">00</span> 00 00
18	[x+4] 00 00 <span style="border: 1px solid black;">00</span> 00
19	[x+4] 00 00 00 <span style="border: 1px solid black;">00</span>
20	[x+5] <span style="border: 1px solid black;">00</span> 00 00 00
21	[x+5] 00 <span style="border: 1px solid black;">00</span> 00 00
22	[x+5] 00 00 <span style="border: 1px solid black;">00</span> 00
23	[x+5] 00 00 00 <span style="border: 1px solid black;">00</span>

D

FIG. 41(B)

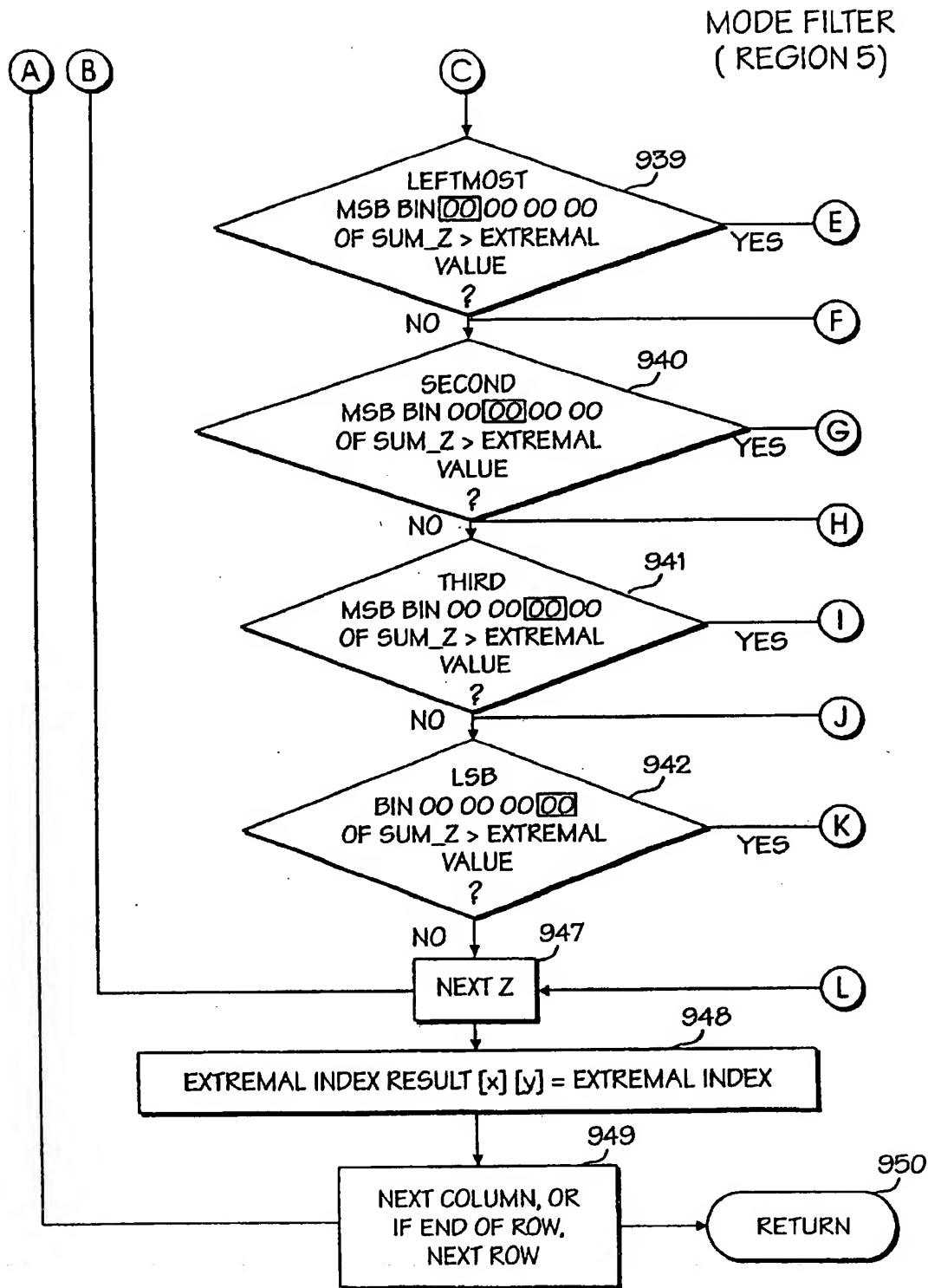


FIG. 41(C)

MODE FILTER  
 ( REGION 5)

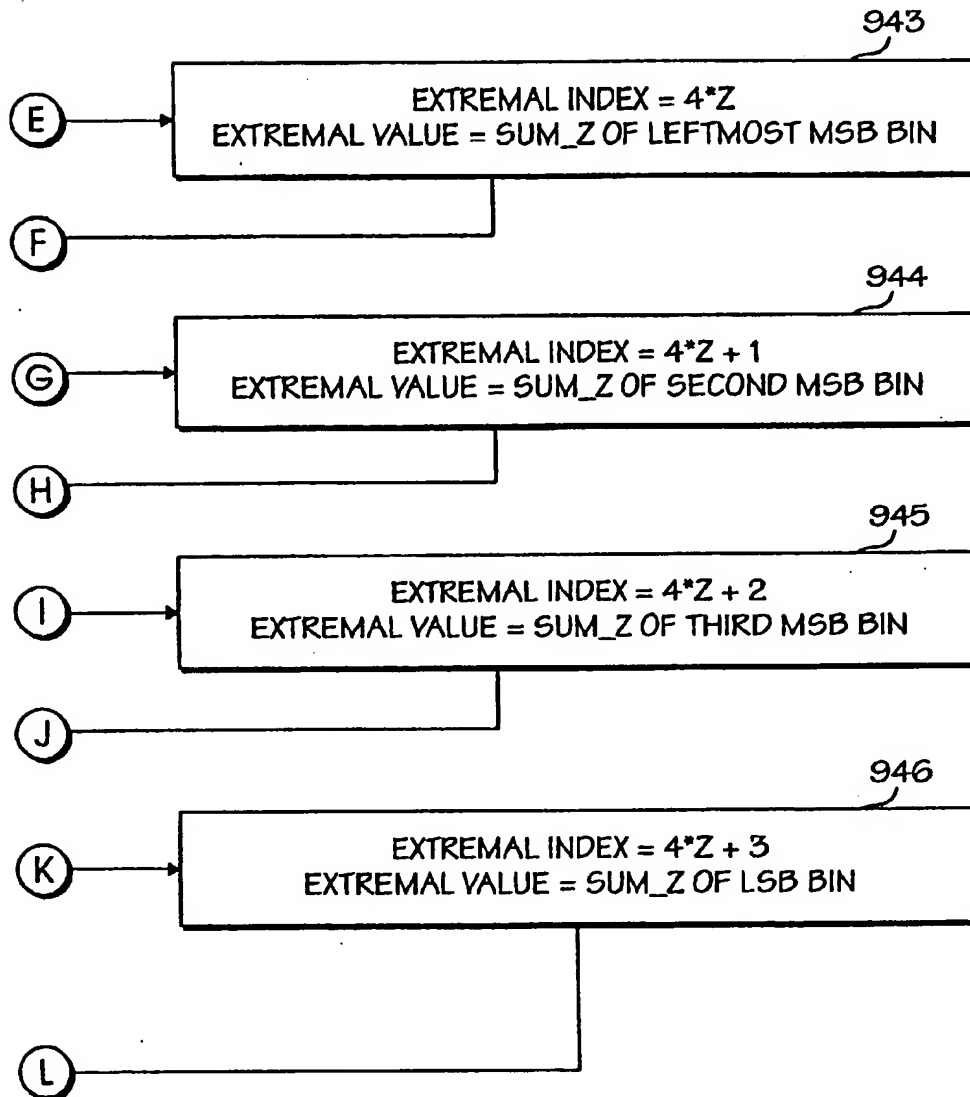


FIG. 41(D)

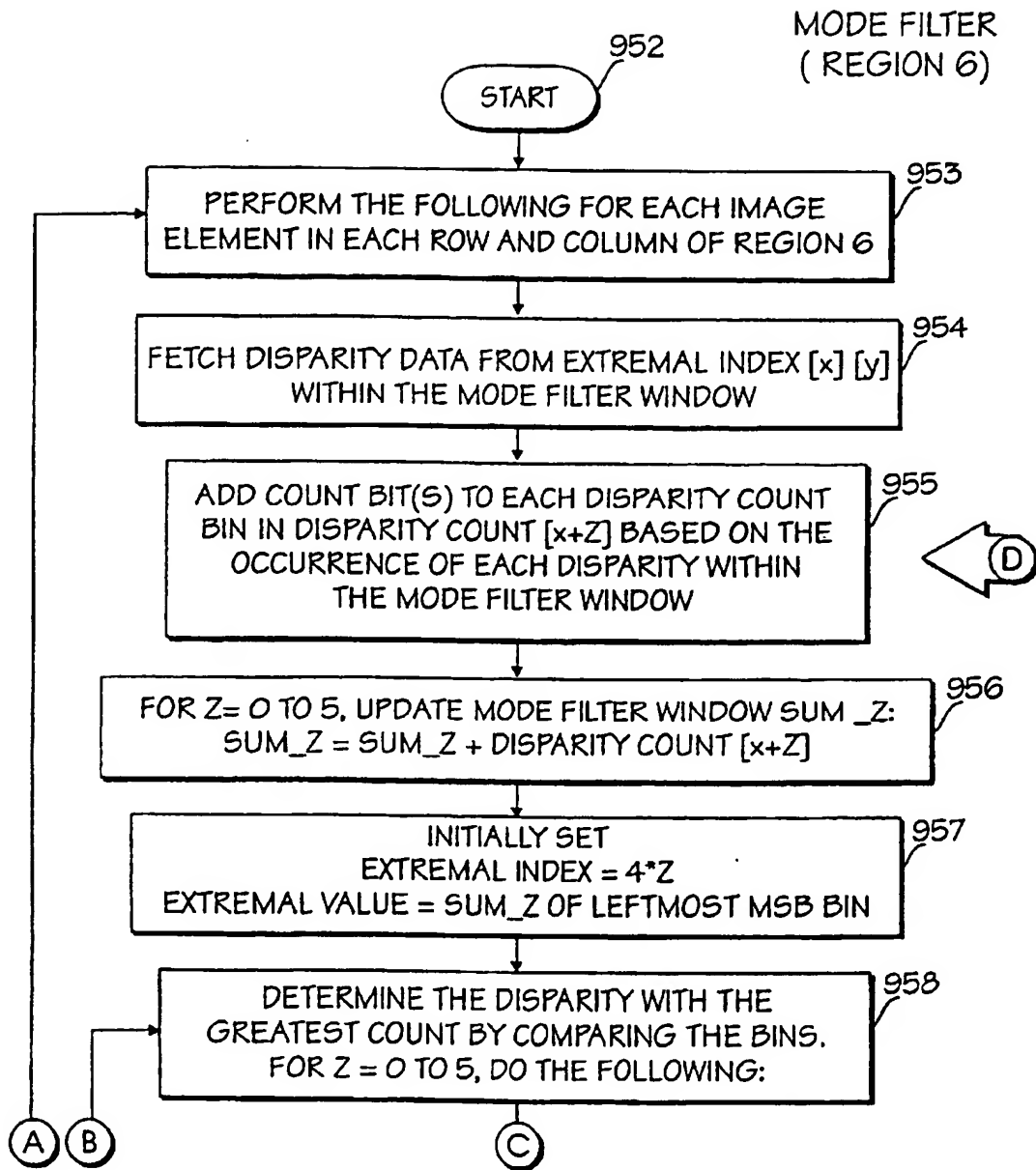


FIG. 42(A)

MODE FILTER  
 ( REGION 6)

DISP	DISPARITY COUNT [x+Z]			
0	[x]	<span style="border: 1px solid black;">00</span>	00	00 00
1	[x]	00	<span style="border: 1px solid black;">00</span>	00 00
2	[x]	00	00	<span style="border: 1px solid black;">00</span> 00
3	[x]	00	00	00 <span style="border: 1px solid black;">00</span>
4	[x+1]	<span style="border: 1px solid black;">00</span>	00	00 00
5	[x+1]	00	<span style="border: 1px solid black;">00</span>	00 00
6	[x+1]	00	00	<span style="border: 1px solid black;">00</span> 00
7	[x+1]	00	00	00 <span style="border: 1px solid black;">00</span>
8	[x+2]	<span style="border: 1px solid black;">00</span>	00	00 00
9	[x+2]	00	<span style="border: 1px solid black;">00</span>	00 00
10	[x+2]	00	00	<span style="border: 1px solid black;">00</span> 00
11	[x+2]	00	00	00 <span style="border: 1px solid black;">00</span>
12	[x+3]	<span style="border: 1px solid black;">00</span>	00	00 00
13	[x+3]	00	<span style="border: 1px solid black;">00</span>	00 00
14	[x+3]	00	00	<span style="border: 1px solid black;">00</span> 00
15	[x+3]	00	00	00 <span style="border: 1px solid black;">00</span>
16	[x+4]	<span style="border: 1px solid black;">00</span>	00	00 00
17	[x+4]	00	<span style="border: 1px solid black;">00</span>	00 00
18	[x+4]	00	00	<span style="border: 1px solid black;">00</span> 00
19	[x+4]	00	00	00 <span style="border: 1px solid black;">00</span>
20	[x+5]	<span style="border: 1px solid black;">00</span>	00	00 00
21	[x+5]	00	<span style="border: 1px solid black;">00</span>	00 00
22	[x+5]	00	00	<span style="border: 1px solid black;">00</span> 00
23	[x+5]	00	00	00 <span style="border: 1px solid black;">00</span>

← (D)

971

FIG. 42(B)

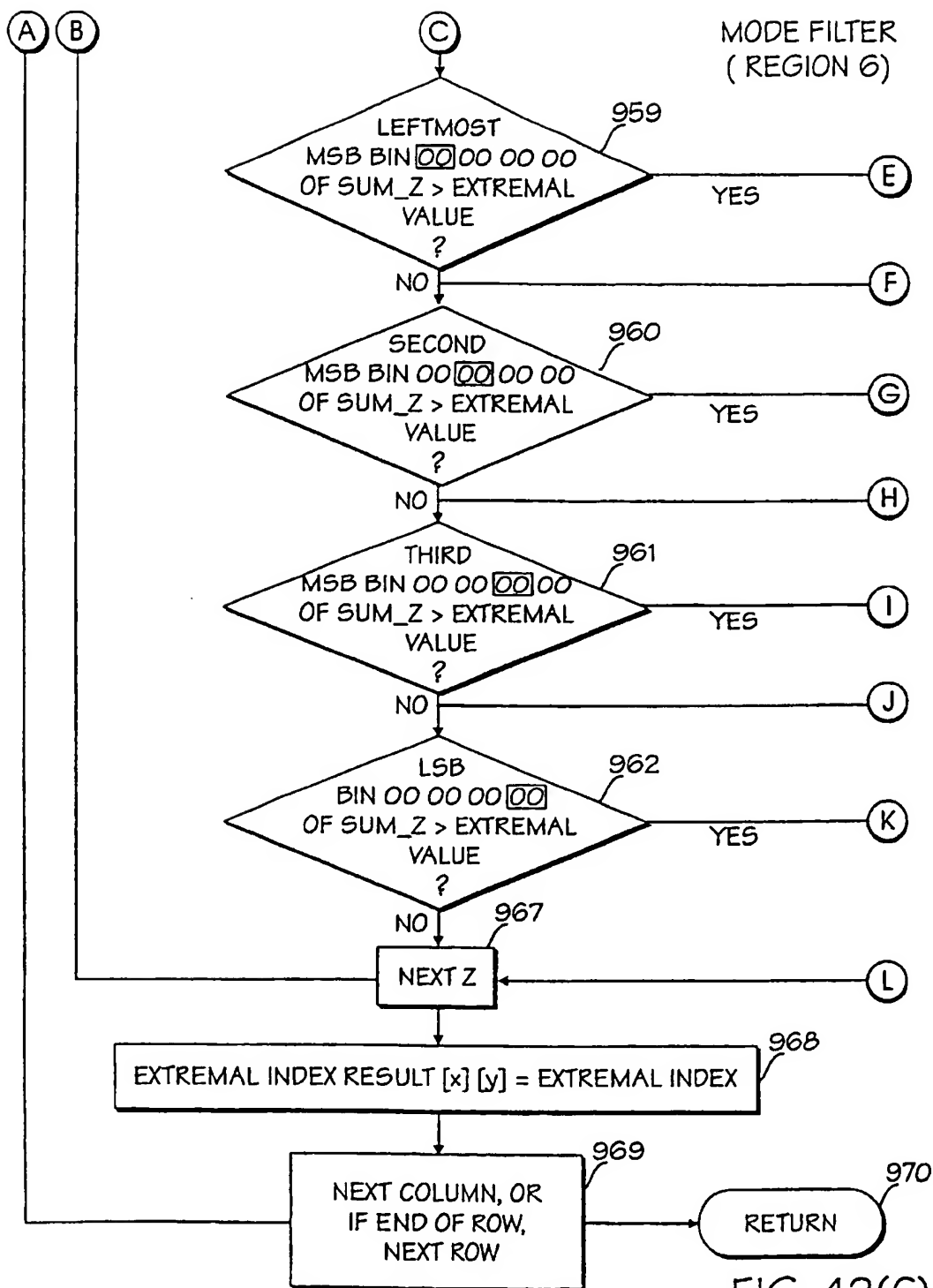


FIG. 42(C)

MODE FILTER  
( REGION 6 )

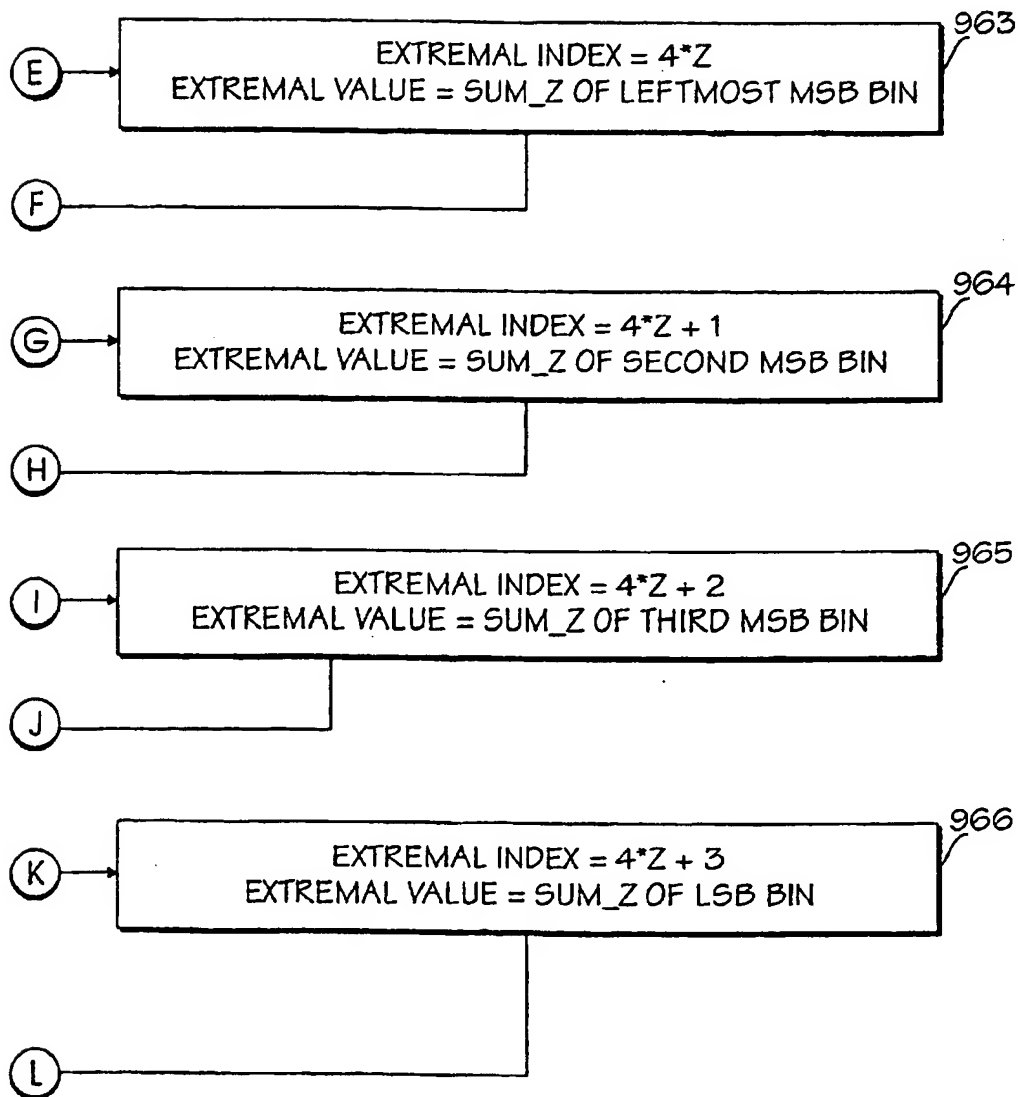


FIG. 42(D)

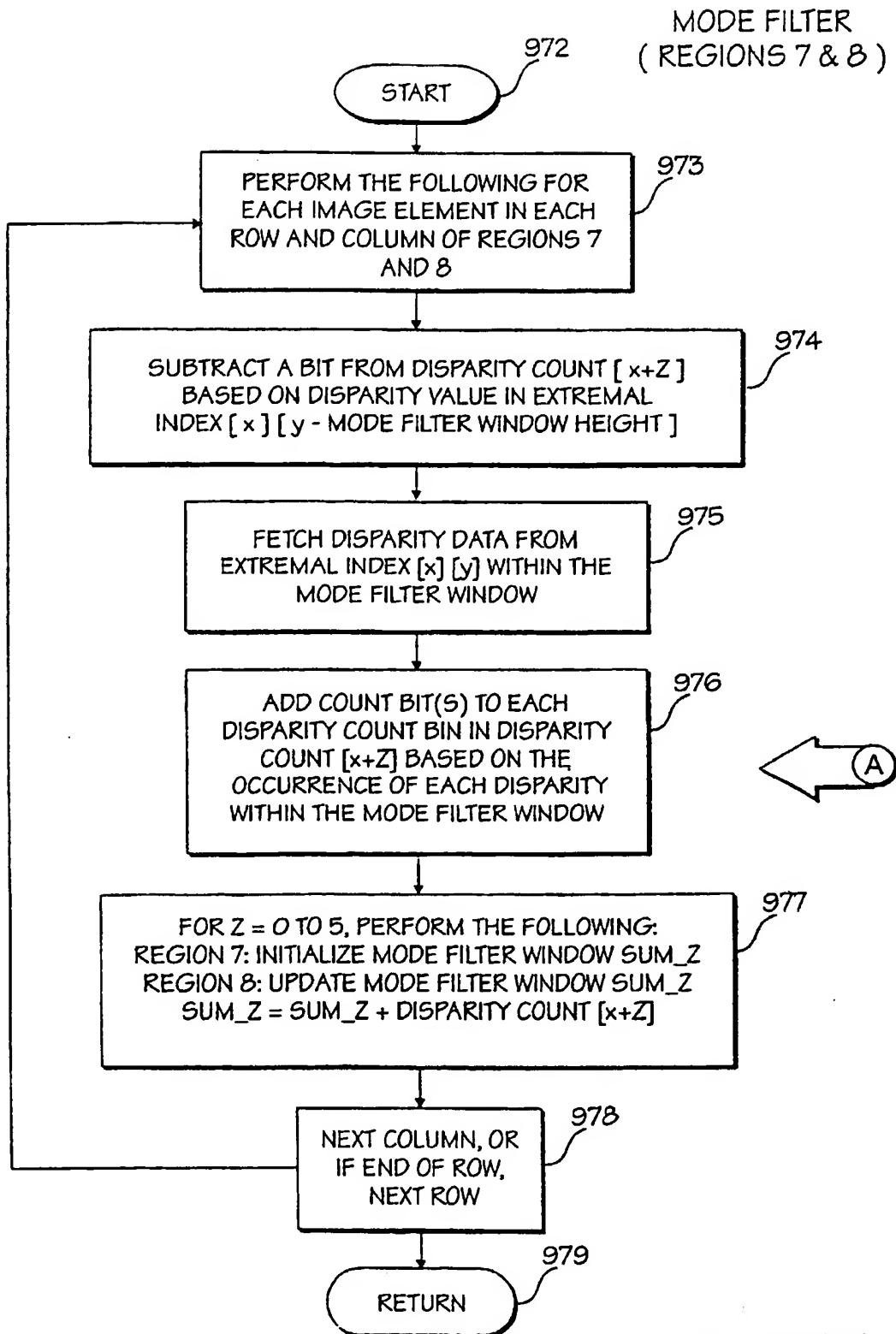


FIG. 43(A)



MODE FILTER  
 ( REGIONS 7 & 8 )

980

<u>DISP</u>	<u>DISPARITY COUNT [x+Z]</u>
0	[x] <span style="border: 1px solid black; padding: 0 2px;">00</span> 00 00 00
1	[x]    00 <span style="border: 1px solid black; padding: 0 2px;">00</span> 00 00
2	[x]    00 00 <span style="border: 1px solid black; padding: 0 2px;">00</span> 00
3	[x]    00 00 00 <span style="border: 1px solid black; padding: 0 2px;">00</span>
4	[x+1] <span style="border: 1px solid black; padding: 0 2px;">00</span> 00 00 00
5	[x+1] 00 <span style="border: 1px solid black; padding: 0 2px;">00</span> 00 00
6	[x+1] 00 00 <span style="border: 1px solid black; padding: 0 2px;">00</span> 00
7	[x+1] 00 00 00 <span style="border: 1px solid black; padding: 0 2px;">00</span>
8	[x+2] <span style="border: 1px solid black; padding: 0 2px;">00</span> 00 00 00
9	[x+2] 00 <span style="border: 1px solid black; padding: 0 2px;">00</span> 00 00
10	[x+2] 00 00 <span style="border: 1px solid black; padding: 0 2px;">00</span> 00
11	[x+2] 00 00 00 <span style="border: 1px solid black; padding: 0 2px;">00</span>
12	[x+3] <span style="border: 1px solid black; padding: 0 2px;">00</span> 00 00 00
13	[x+3] 00 <span style="border: 1px solid black; padding: 0 2px;">00</span> 00 00
14	[x+3] 00 00 <span style="border: 1px solid black; padding: 0 2px;">00</span> 00
15	[x+3] 00 00 00 <span style="border: 1px solid black; padding: 0 2px;">00</span>
16	[x+4] <span style="border: 1px solid black; padding: 0 2px;">00</span> 00 00 00
17	[x+4] 00 <span style="border: 1px solid black; padding: 0 2px;">00</span> 00 00
18	[x+4] 00 00 <span style="border: 1px solid black; padding: 0 2px;">00</span> 00
19	[x+4] 00 00 00 <span style="border: 1px solid black; padding: 0 2px;">00</span>
20	[x+5] <span style="border: 1px solid black; padding: 0 2px;">00</span> 00 00 00
21	[x+5] 00 <span style="border: 1px solid black; padding: 0 2px;">00</span> 00 00
22	[x+5] 00 00 <span style="border: 1px solid black; padding: 0 2px;">00</span> 00
23	[x+5] 00 00 00 <span style="border: 1px solid black; padding: 0 2px;">00</span>

FIG. 43(B)

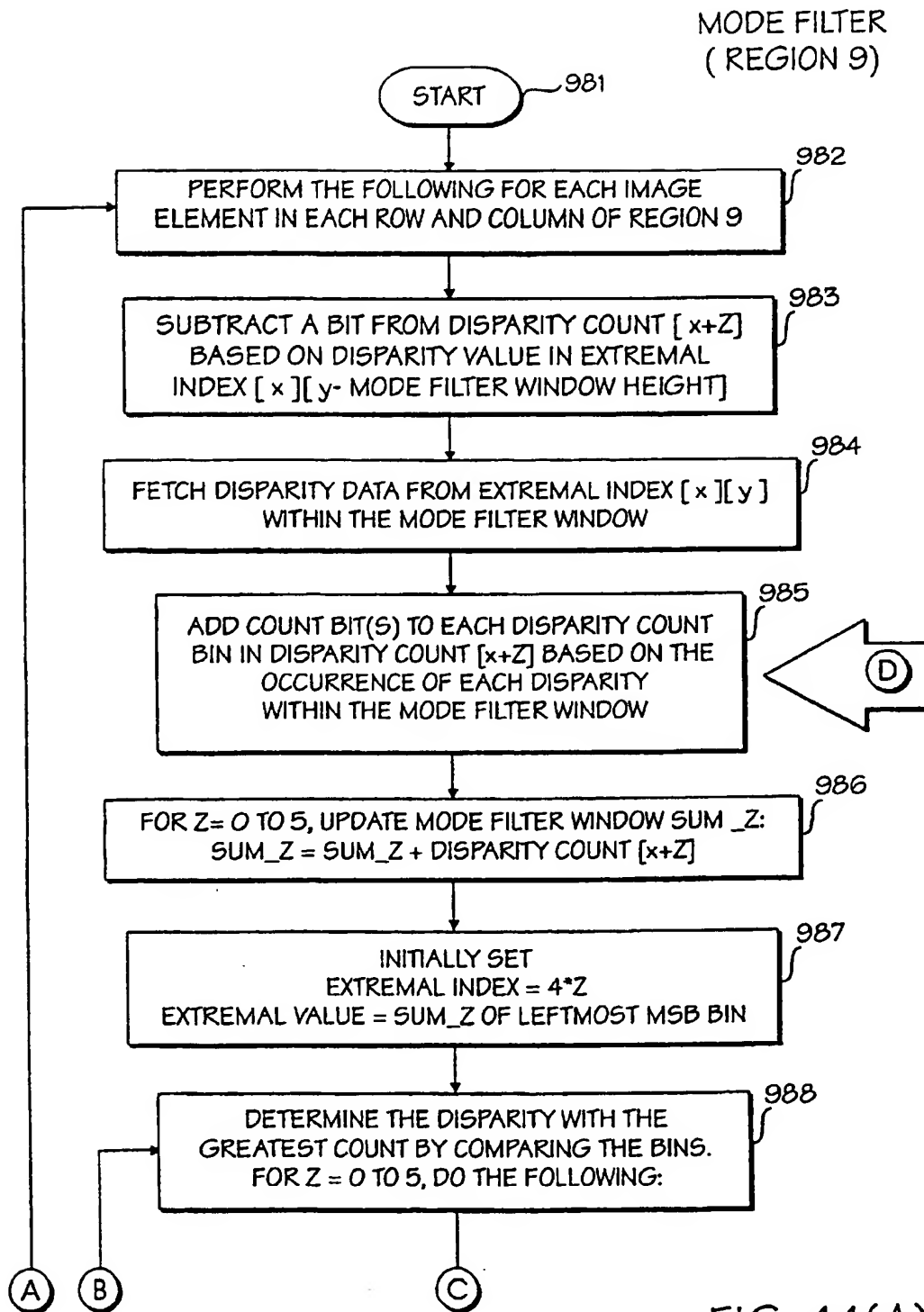


FIG. 44(A)

MODE FILTER  
 ( REGION 9)

(D)

DISP	DISPARITY COUNT [x+Z]
0	[x]    00 00 00 00
1	[x]    00 00 00 00
2	[x]    00 00 00 00
3	[x]    00 00 00 00
4	[x+1] 00 00 00 00
5	[x+1] 00 00 00 00
6	[x+1] 00 00 00 00
7	[x+1] 00 00 00 00
8	[x+2] 00 00 00 00
9	[x+2] 00 00 00 00
10	[x+2] 00 00 00 00
11	[x+2] 00 00 00 00
12	[x+3] 00 00 00 00
13	[x+3] 00 00 00 00
14	[x+3] 00 00 00 00
15	[x+3] 00 00 00 00
16	[x+4] 00 00 00 00
17	[x+4] 00 00 00 00
18	[x+4] 00 00 00 00
19	[x+4] 00 00 00 00
20	[x+5] 00 00 00 00
21	[x+5] 00 00 00 00
22	[x+5] 00 00 00 00
23	[x+5] 00 00 00 00

1001

FIG. 44(B)

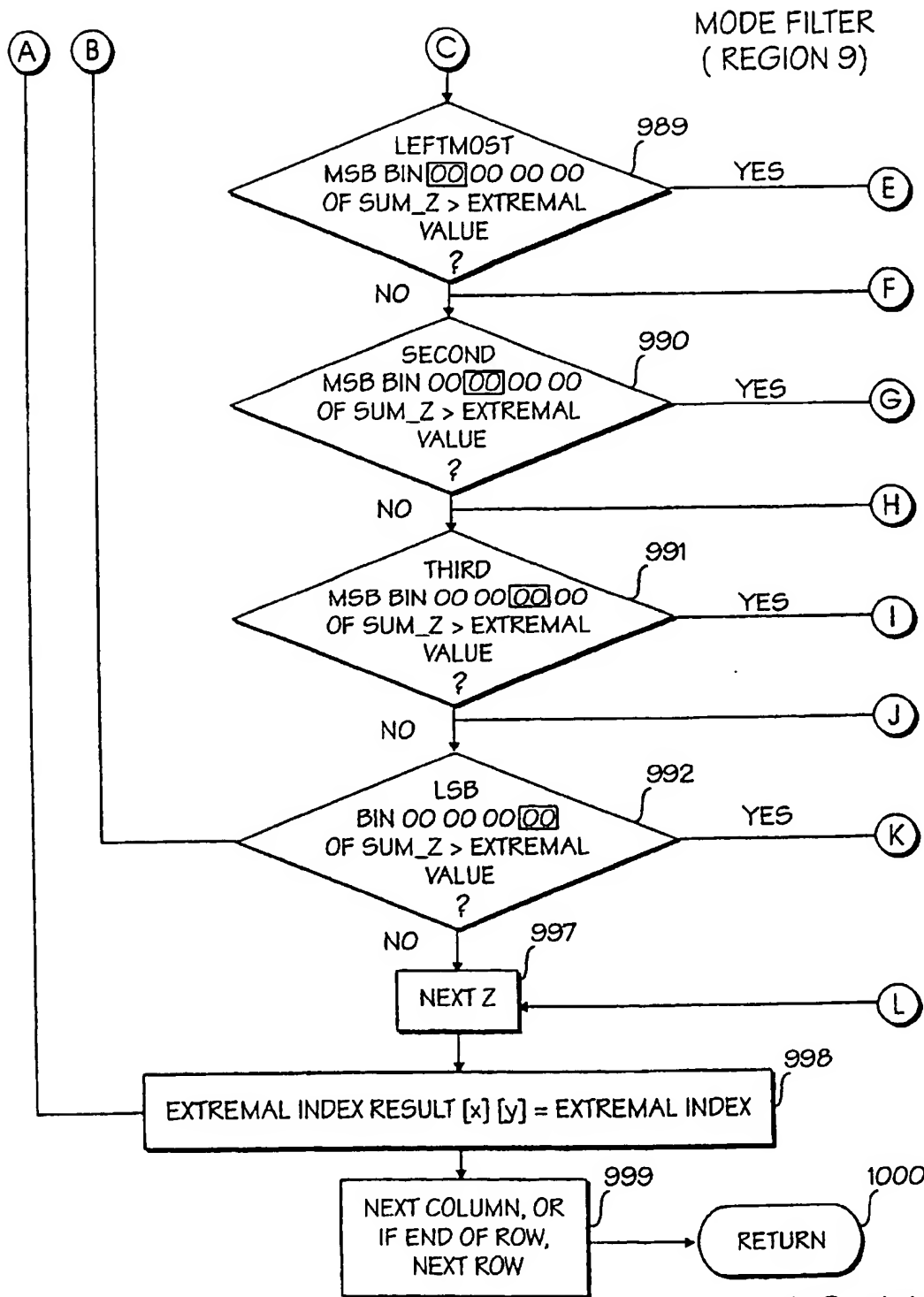


FIG. 44(C)

MODE FILTER  
 ( REGION 9)

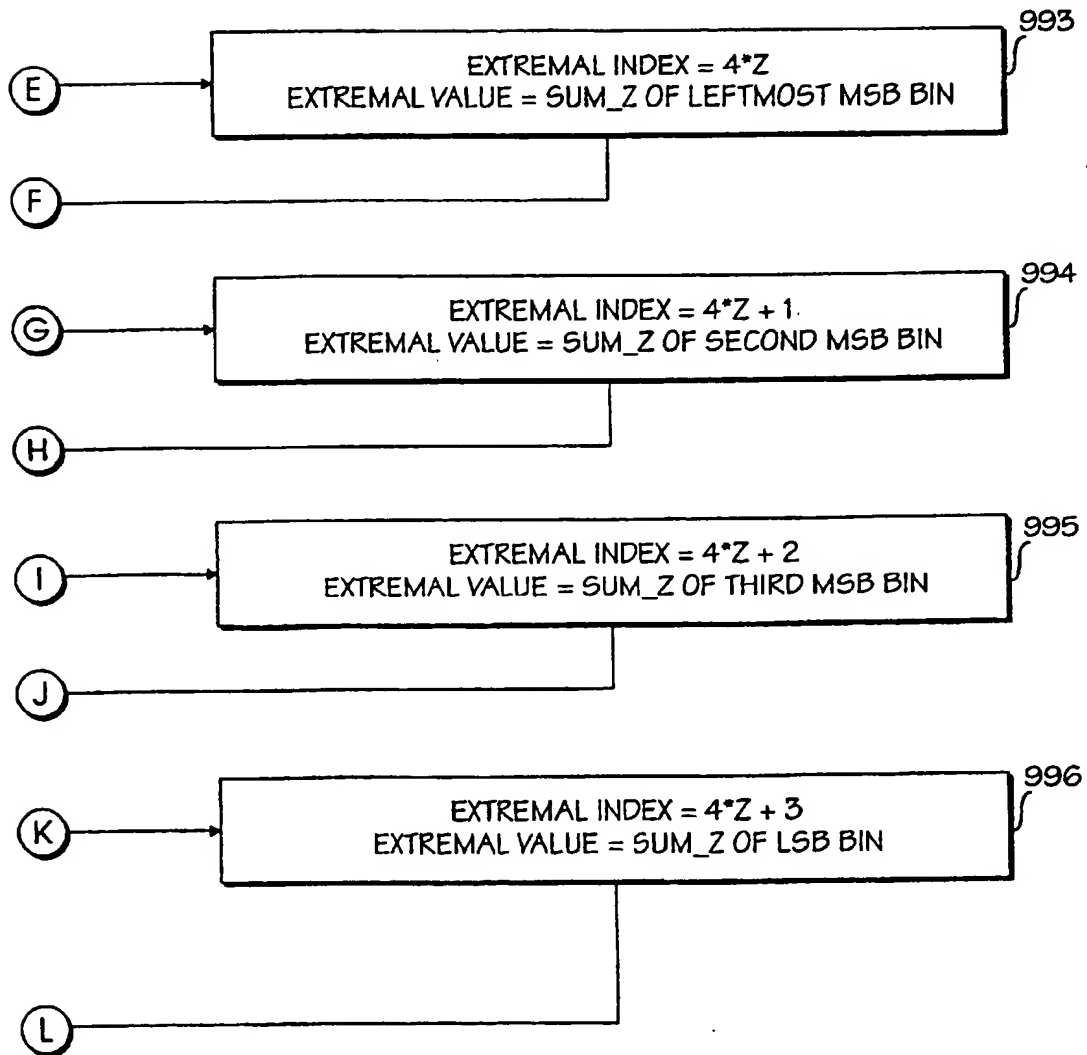


FIG. 44(D)

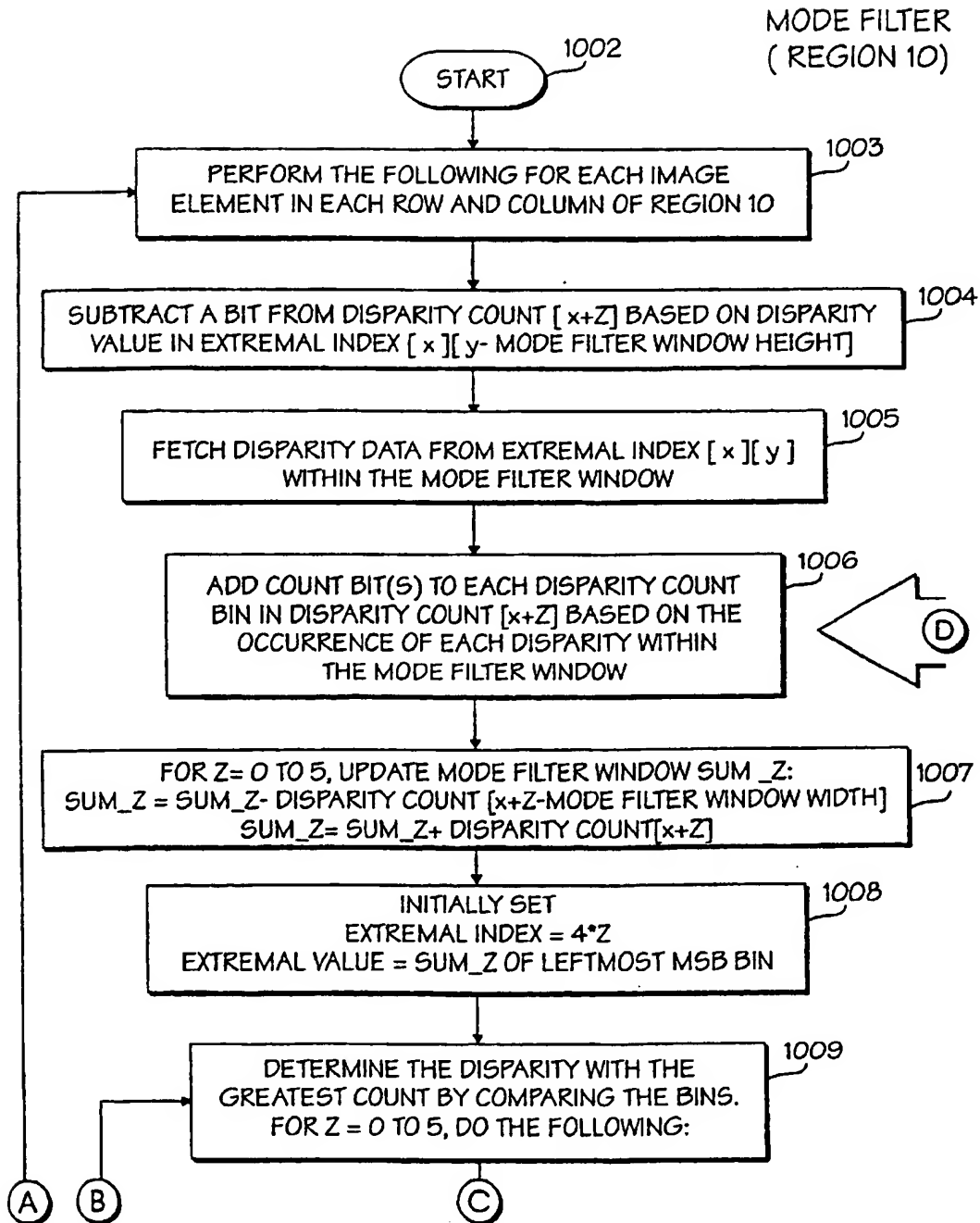


FIG. 45(A)

MODE FILTER  
 ( REGION 10)

(D)

DISP	DISPARITY COUNT [x+Z]	1022
0	[x] <span style="border: 1px solid black;">00</span> 00 00 00	
1	[x] 00 <span style="border: 1px solid black;">00</span> 00 00	
2	[x] 00 00 <span style="border: 1px solid black;">00</span> 00	
3	[x] 00 00 00 <span style="border: 1px solid black;">00</span>	
4	[x+1] <span style="border: 1px solid black;">00</span> 00 00 00	
5	[x+1] 00 <span style="border: 1px solid black;">00</span> 00 00	
6	[x+1] 00 00 <span style="border: 1px solid black;">00</span> 00	
7	[x+1] 00 00 00 <span style="border: 1px solid black;">00</span>	
8	[x+2] <span style="border: 1px solid black;">00</span> 00 00 00	
9	[x+2] 00 <span style="border: 1px solid black;">00</span> 00 00	
10	[x+2] 00 00 <span style="border: 1px solid black;">00</span> 00	
11	[x+2] 00 00 00 <span style="border: 1px solid black;">00</span>	
12	[x+3] <span style="border: 1px solid black;">00</span> 00 00 00	
13	[x+3] 00 <span style="border: 1px solid black;">00</span> 00 00	
14	[x+3] 00 00 <span style="border: 1px solid black;">00</span> 00	
15	[x+3] 00 00 00 <span style="border: 1px solid black;">00</span>	
16	[x+4] <span style="border: 1px solid black;">00</span> 00 00 00	
17	[x+4] 00 <span style="border: 1px solid black;">00</span> 00 00	
18	[x+4] 00 00 <span style="border: 1px solid black;">00</span> 00	
19	[x+4] 00 00 00 <span style="border: 1px solid black;">00</span>	
20	[x+5] <span style="border: 1px solid black;">00</span> 00 00 00	
21	[x+5] 00 <span style="border: 1px solid black;">00</span> 00 00	
22	[x+5] 00 00 <span style="border: 1px solid black;">00</span> 00	
23	[x+5] 00 00 00 <span style="border: 1px solid black;">00</span>	

FIG. 45(B)

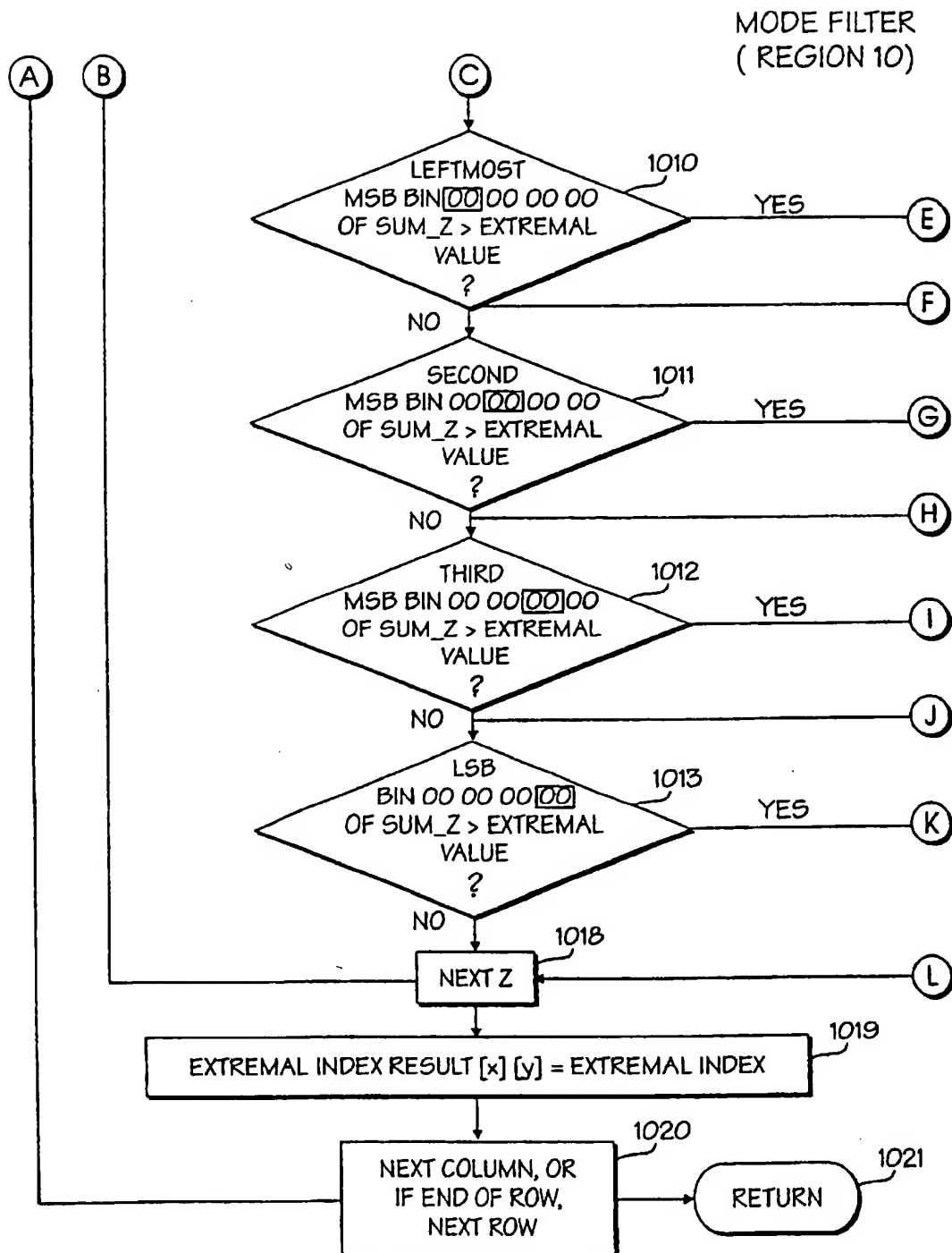


FIG. 45(C)



MODE FILTER  
( REGION 10 )

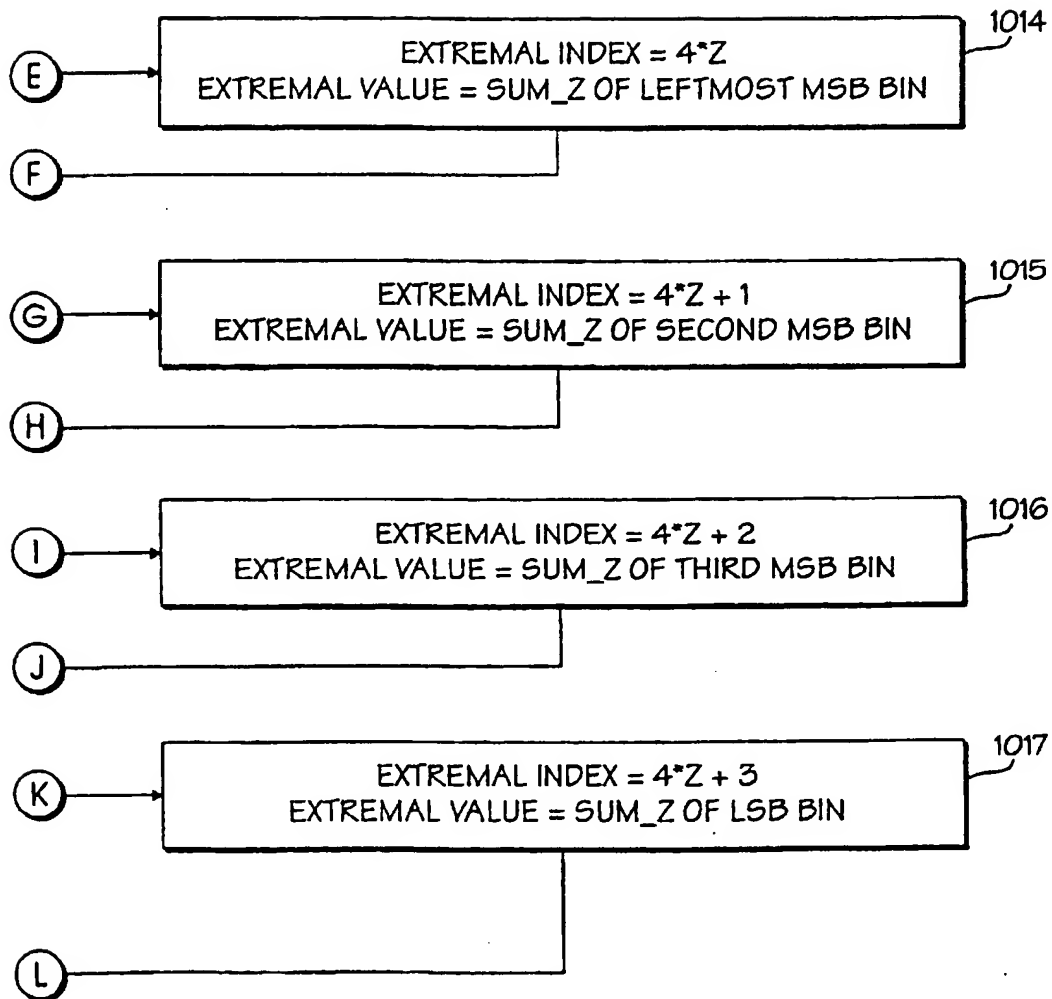


FIG. 45(D)

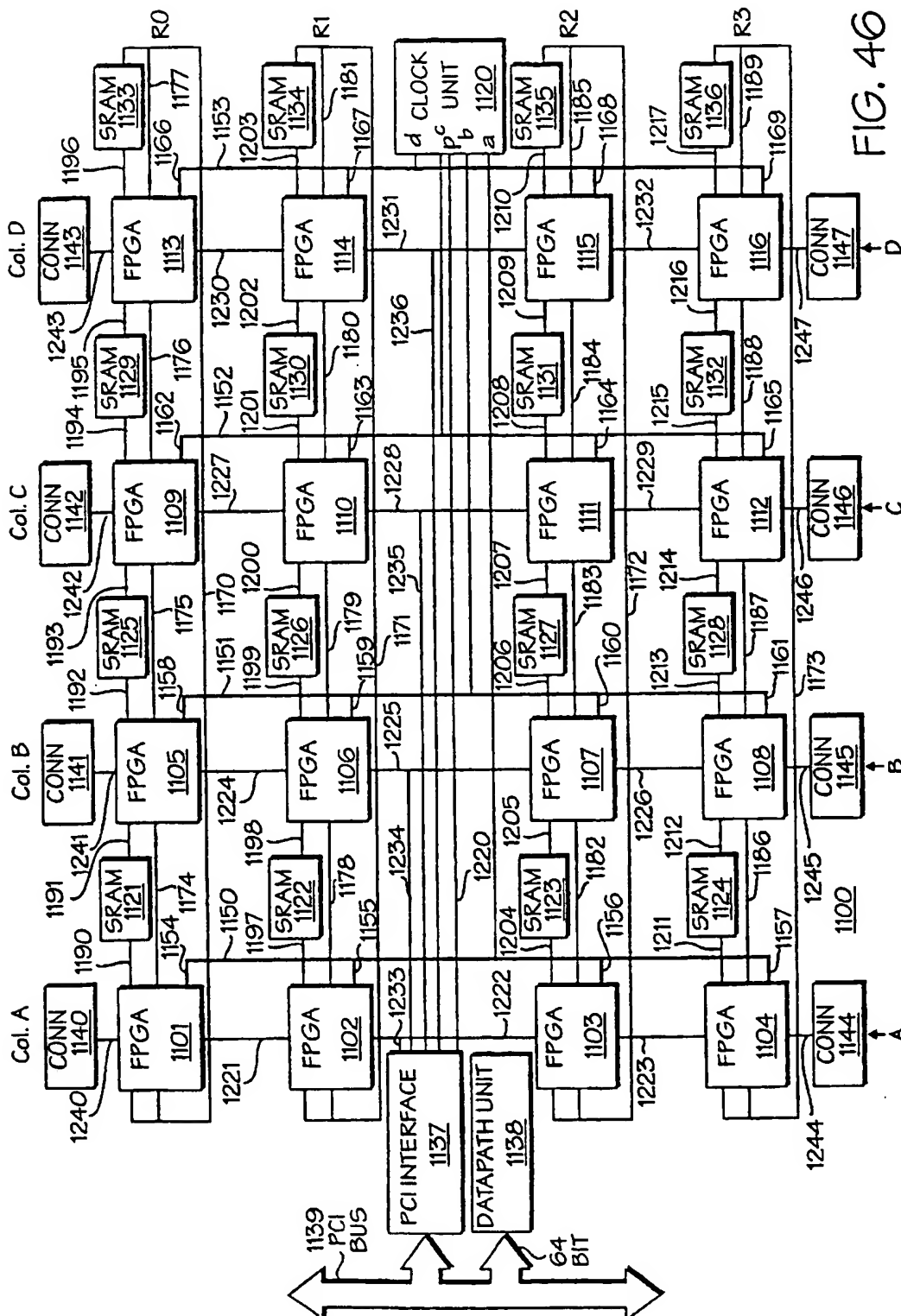
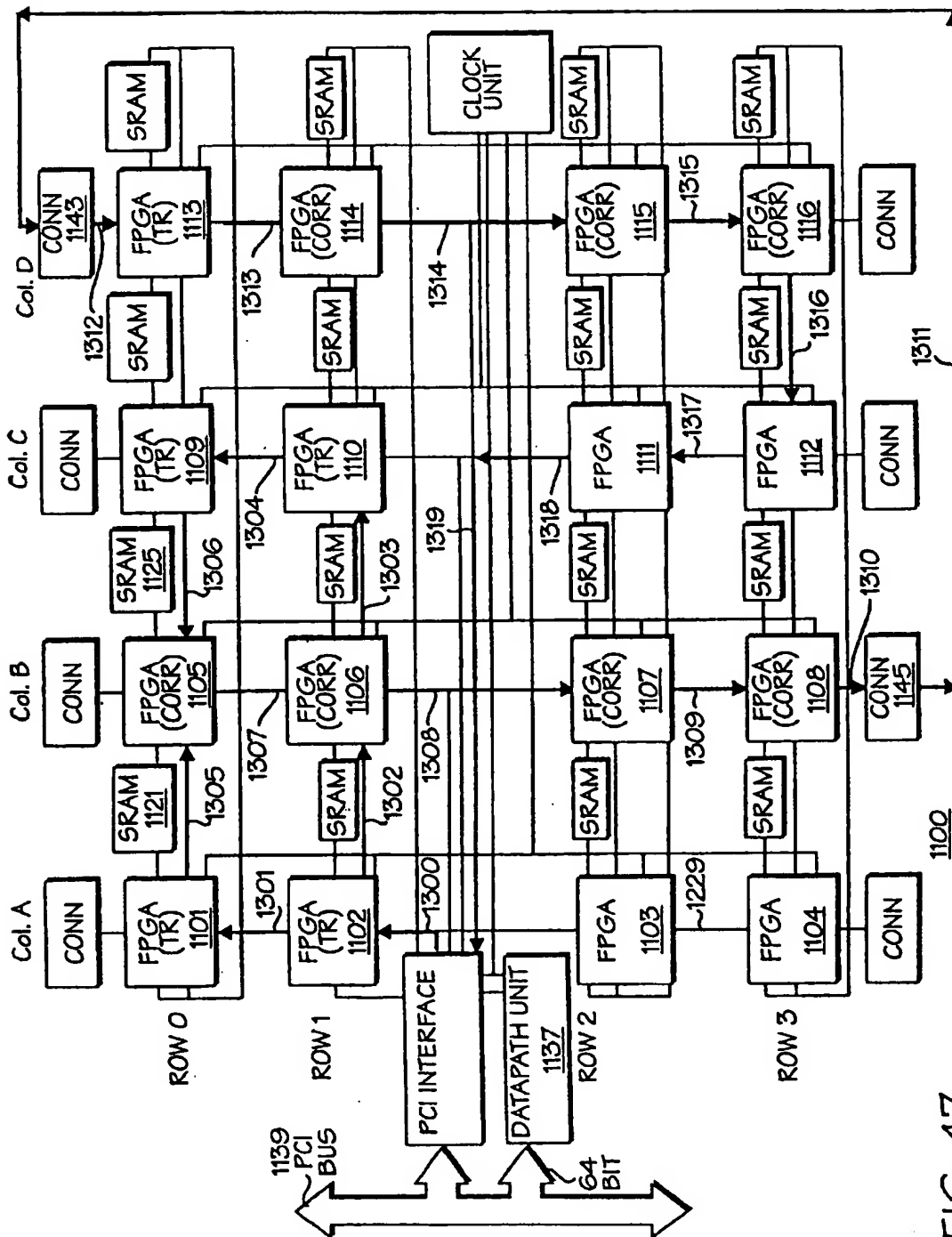


FIG. 46



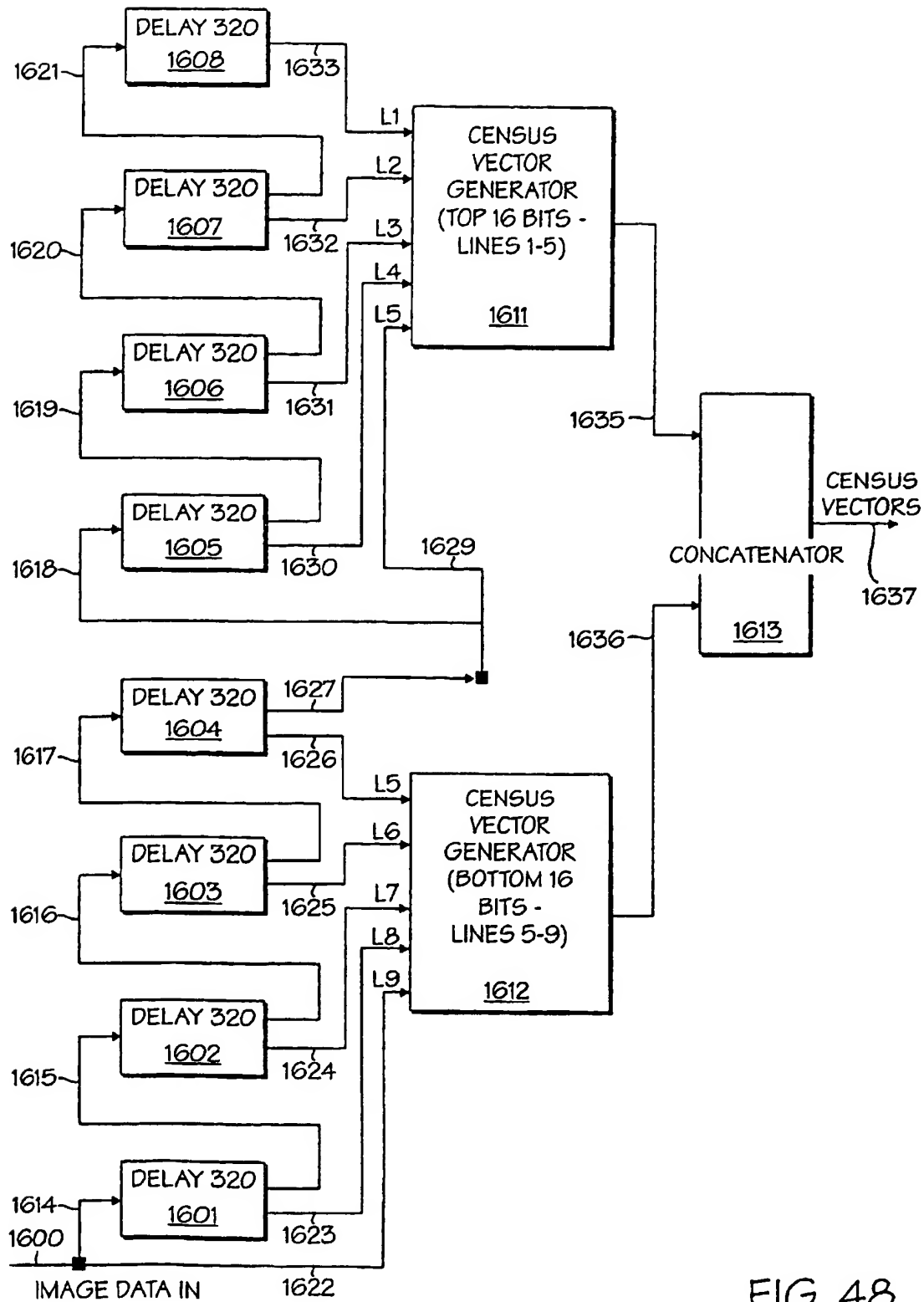


FIG. 48

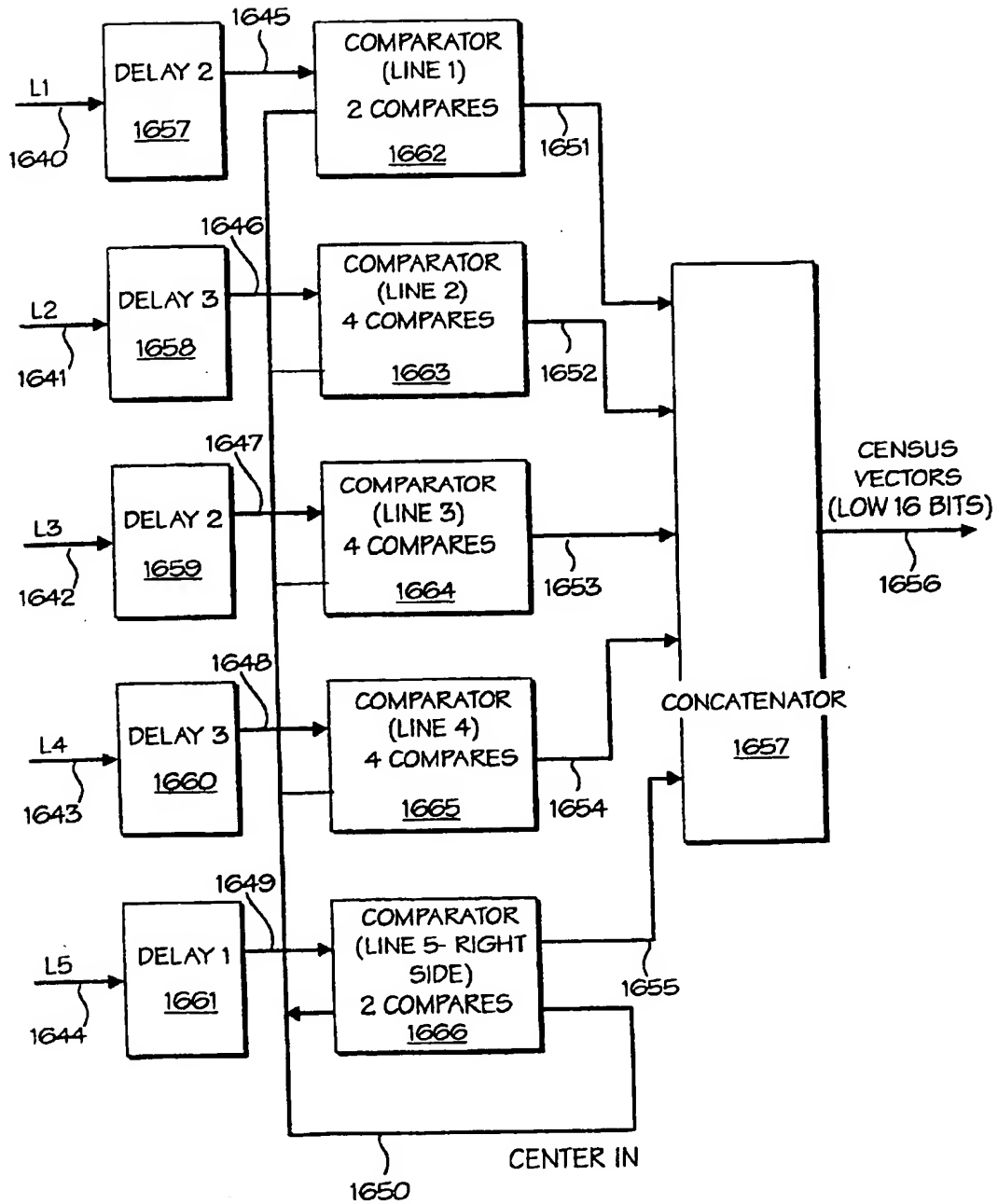


FIG. 49

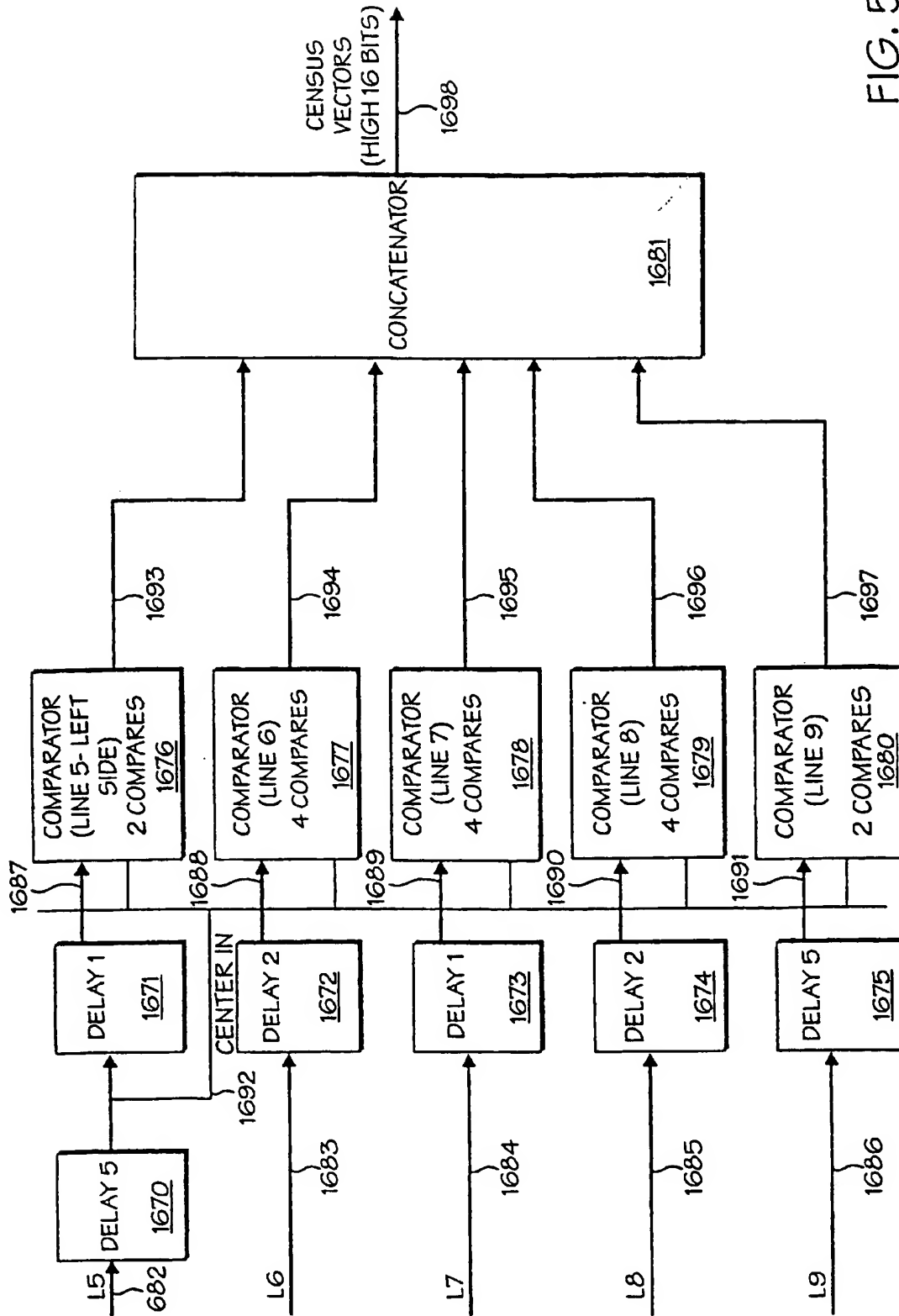


FIG. 50

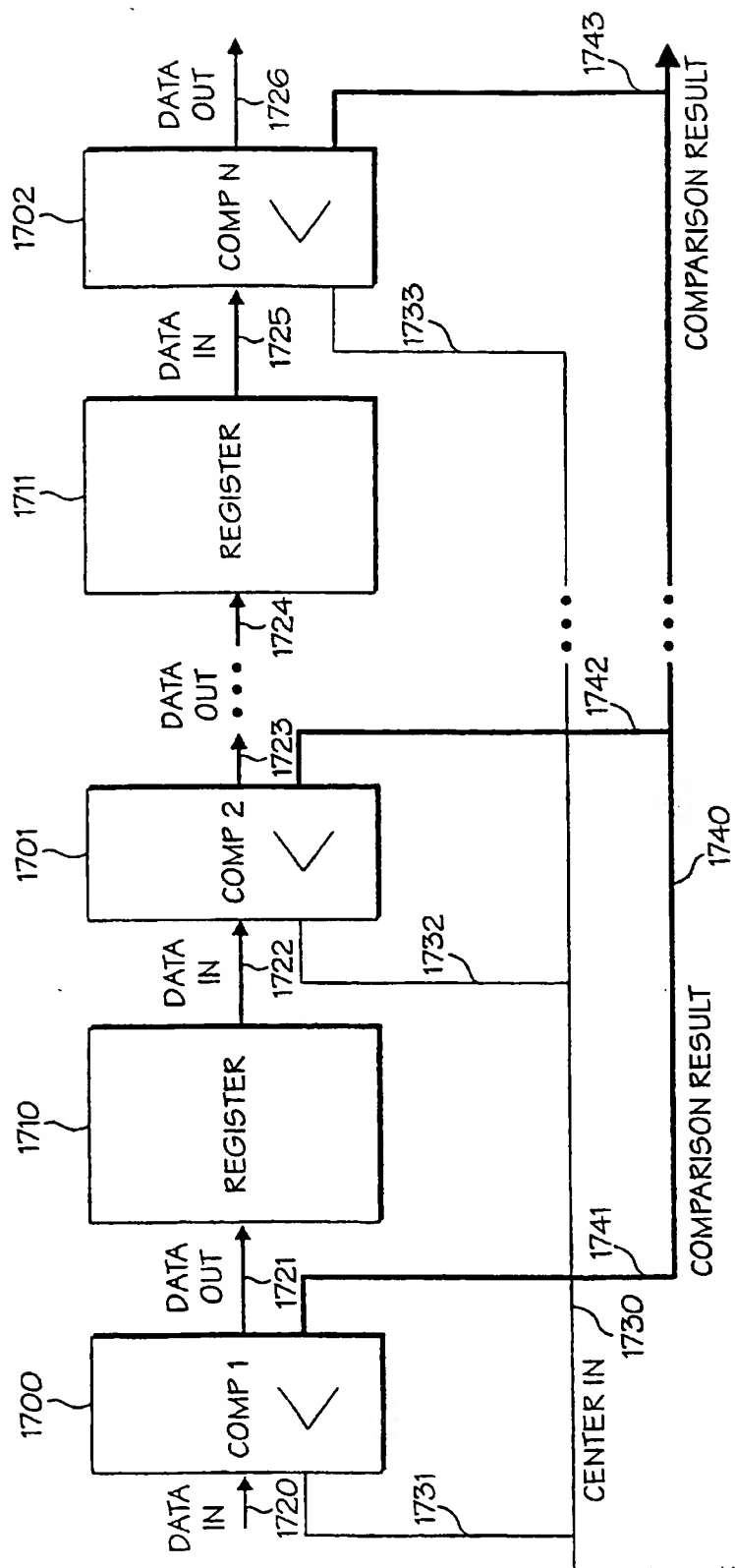


FIG. 51

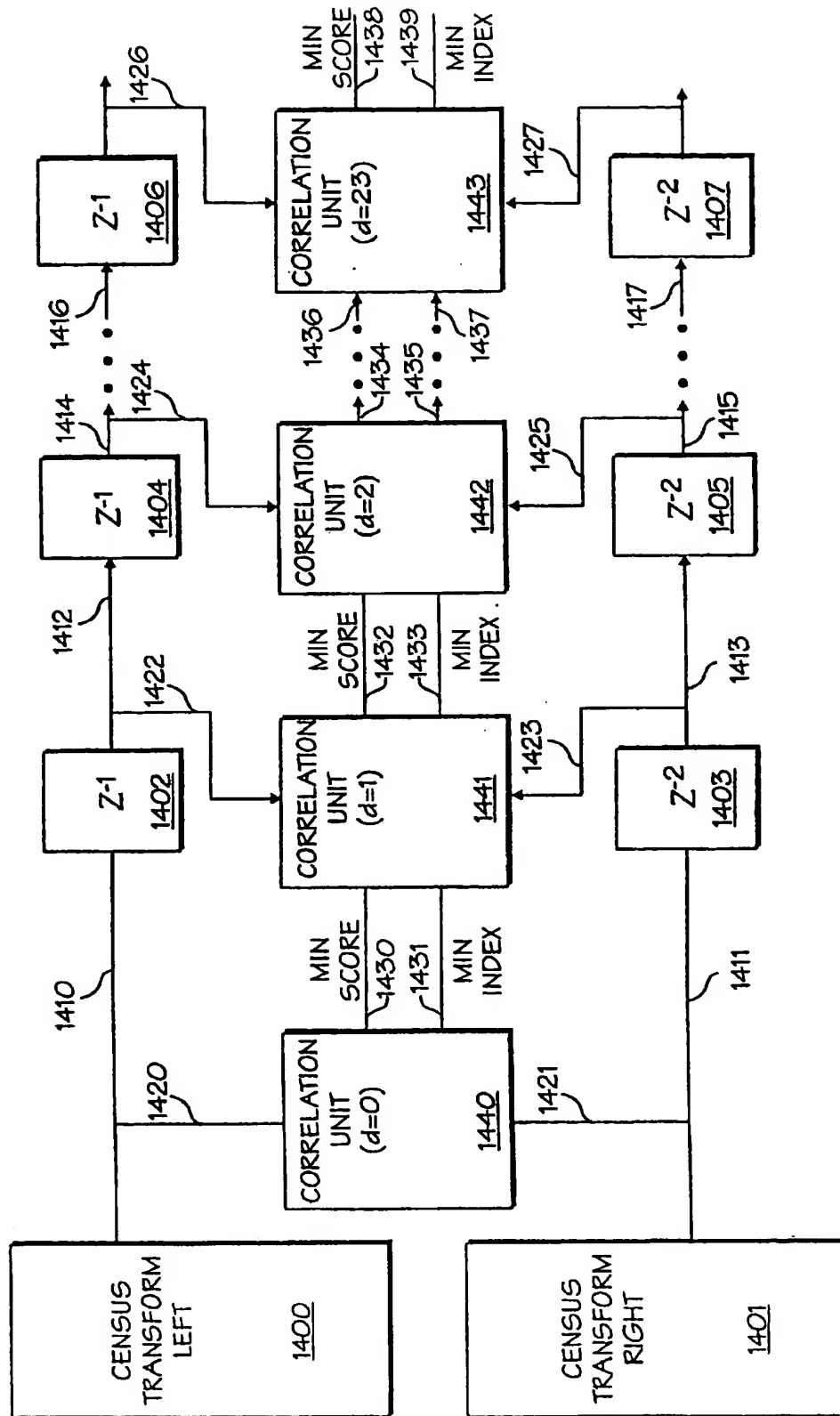


Fig. 52



CENSUS VECTORS  
LEFT IMAGE

1	2	3	4	5	6	7	8	9	10	...
<div>•</div> <div>•</div> <div>•</div>										

Fig. 53(A)

CENSUS VECTORS  
RIGHT IMAGE

1'	2'	3'	4'	5'	6'	7'	8'	9'	10'	...
<div>•</div> <div>•</div> <div>•</div>										

Fig. 53(B)

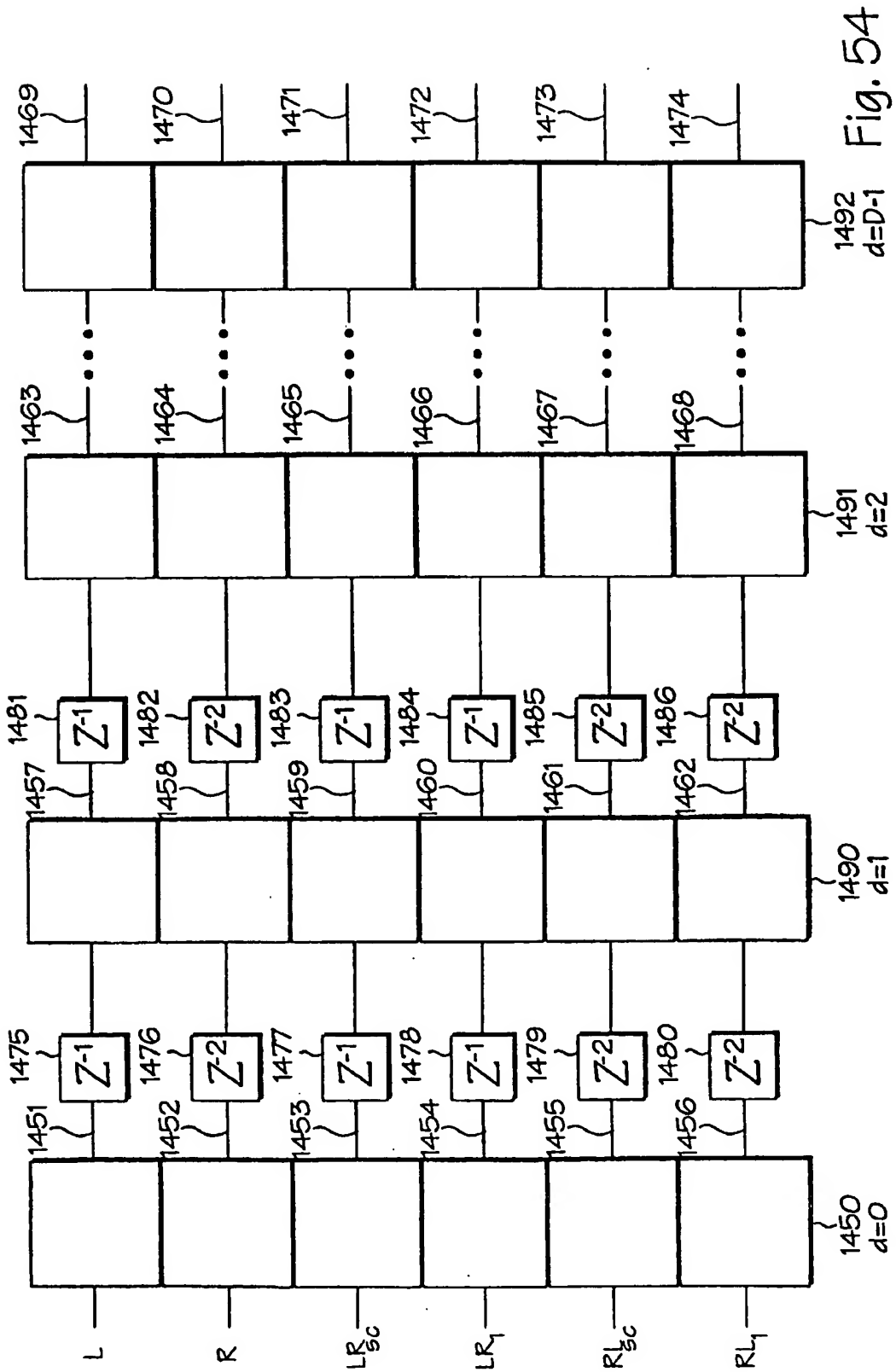


Fig. 54

15 IMAGE ELEMENTS (1 TO 15 FOR L; 1' TO 15' FOR R)  
 $D=5$  ( $d = \{0, 1, 2, 3, 4\}$ )

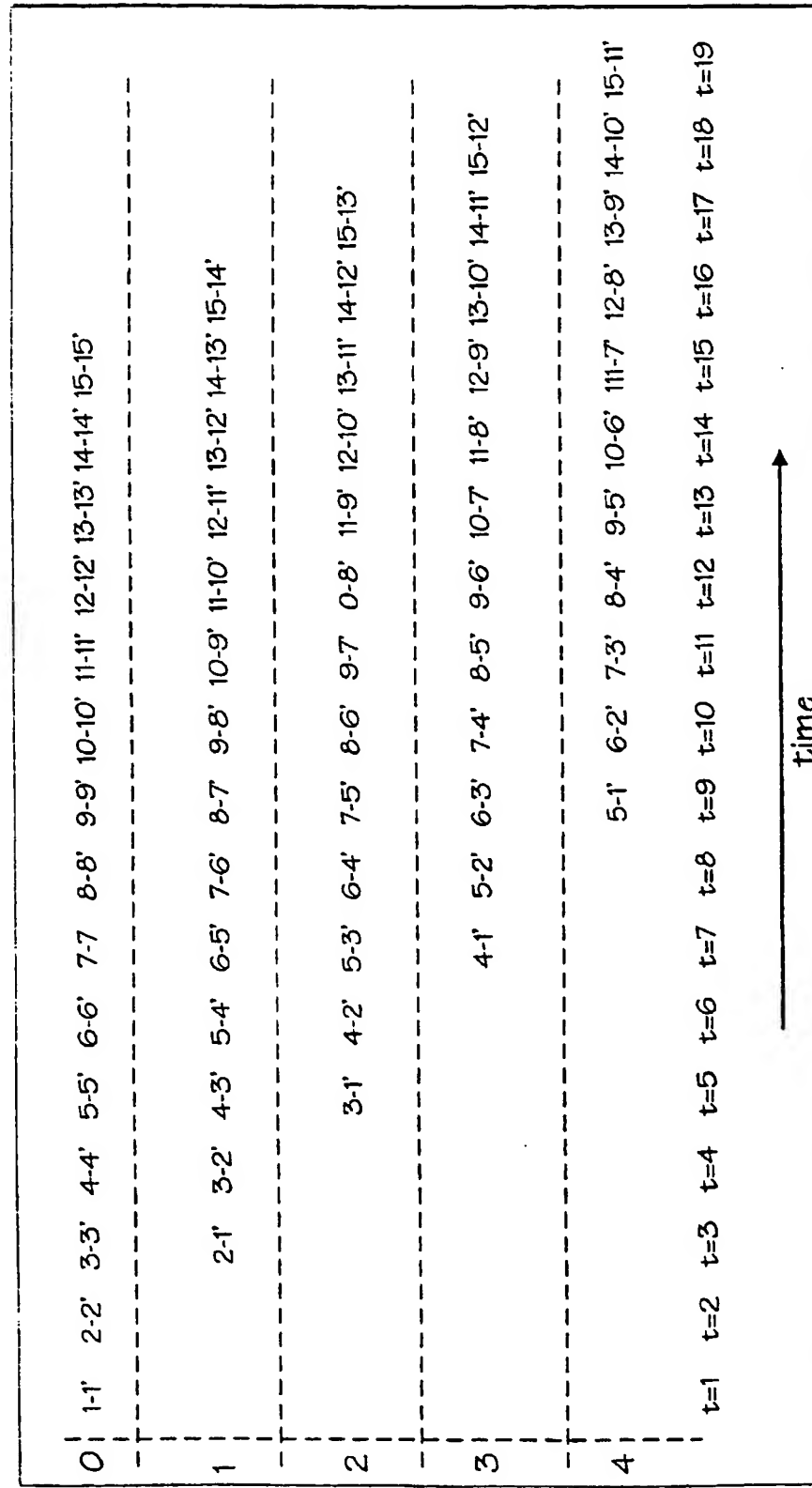


FIG. 55

LR <sub>I</sub>		RL <sub>I</sub>	
LR <sub>I</sub> (9)	5	RL <sub>I</sub> (5')	
LR <sub>I</sub> (8)	4	RL <sub>I</sub> (4')	
LR <sub>I</sub> (7)	3	RL <sub>I</sub> (3')	
LR <sub>I</sub> (6)	2	RL <sub>I</sub> (2')	
LR <sub>I</sub> (5)	1	RL <sub>I</sub> (1')	

Fig. 56(A)

LR <sub>I</sub>		RL <sub>I</sub>	
LR <sub>I</sub> (10)	5	RL <sub>I</sub> (6')	
LR <sub>I</sub> (9)	4	RL <sub>I</sub> (5')	
LR <sub>I</sub> (8)	3	RL <sub>I</sub> (4')	
LR <sub>I</sub> (7)	2	RL <sub>I</sub> (3')	
LR <sub>I</sub> (6)	1	RL <sub>I</sub> (2')	

Fig. 56(B)

LR <sub>I</sub>		RL <sub>I</sub>	
LR <sub>I</sub> (11)	5	RL <sub>I</sub> (7')	
LR <sub>I</sub> (10)	4	RL <sub>I</sub> (6')	
LR <sub>I</sub> (9)	3	RL <sub>I</sub> (5')	
LR <sub>I</sub> (8)	2	RL <sub>I</sub> (4')	
LR <sub>I</sub> (7)	1	RL <sub>I</sub> (3')	

Fig. 56(C)

LR <sub>I</sub>		RL <sub>I</sub>	
	10		
	9		
	8		
	7		
	6		
	5		
	4		
	3		
	2		
	1		

Fig. 56(D)

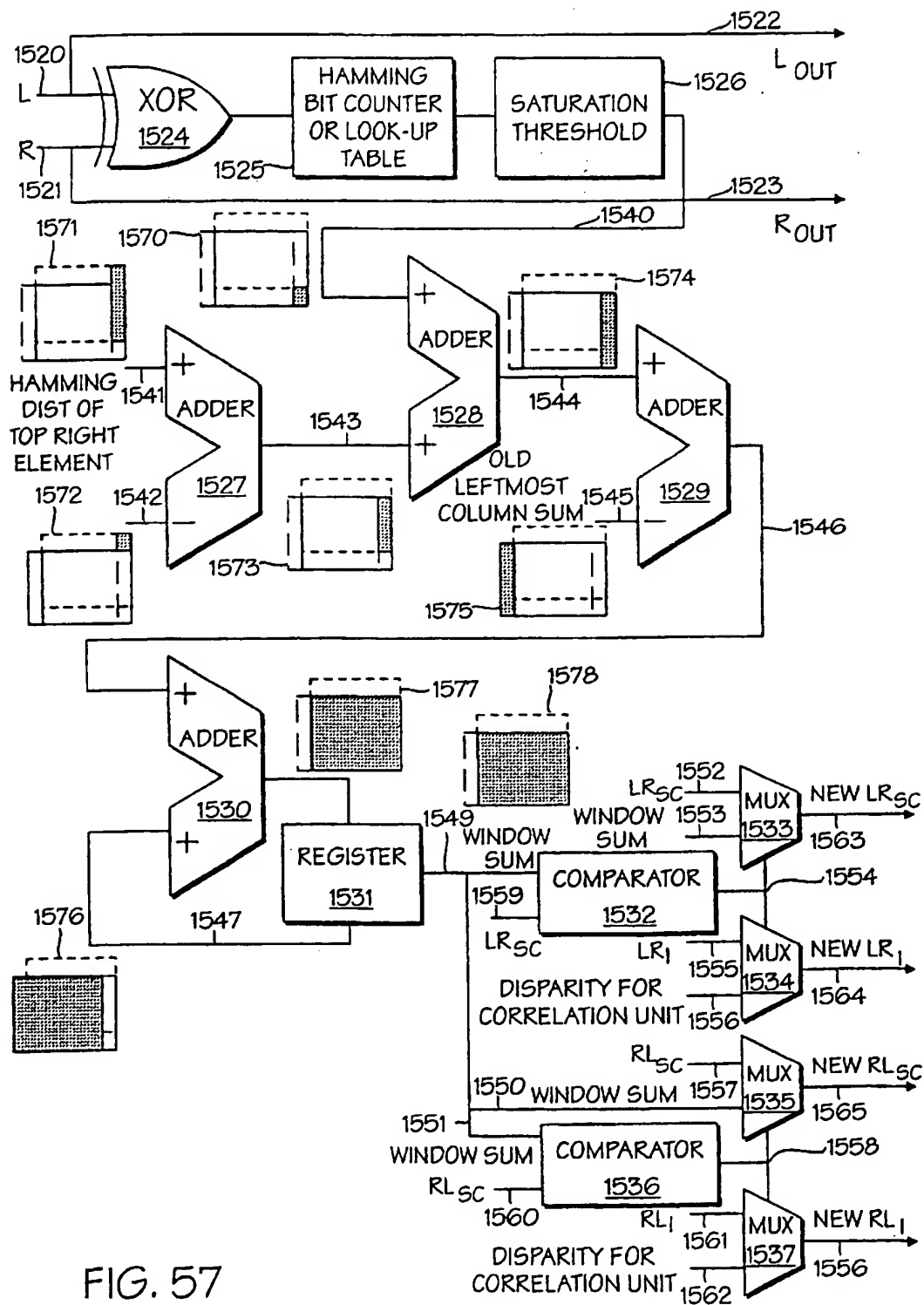


FIG. 57

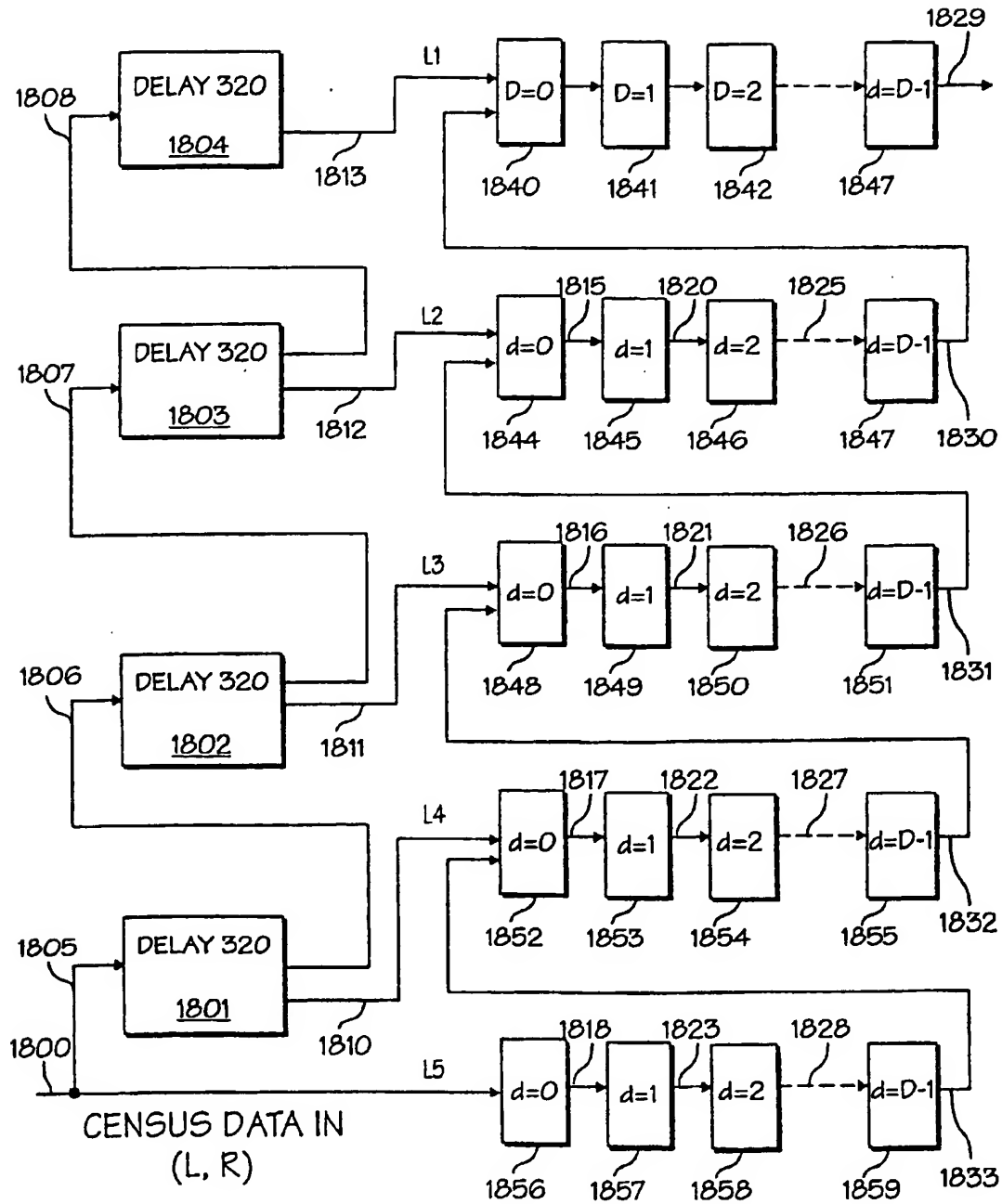


FIG. 58

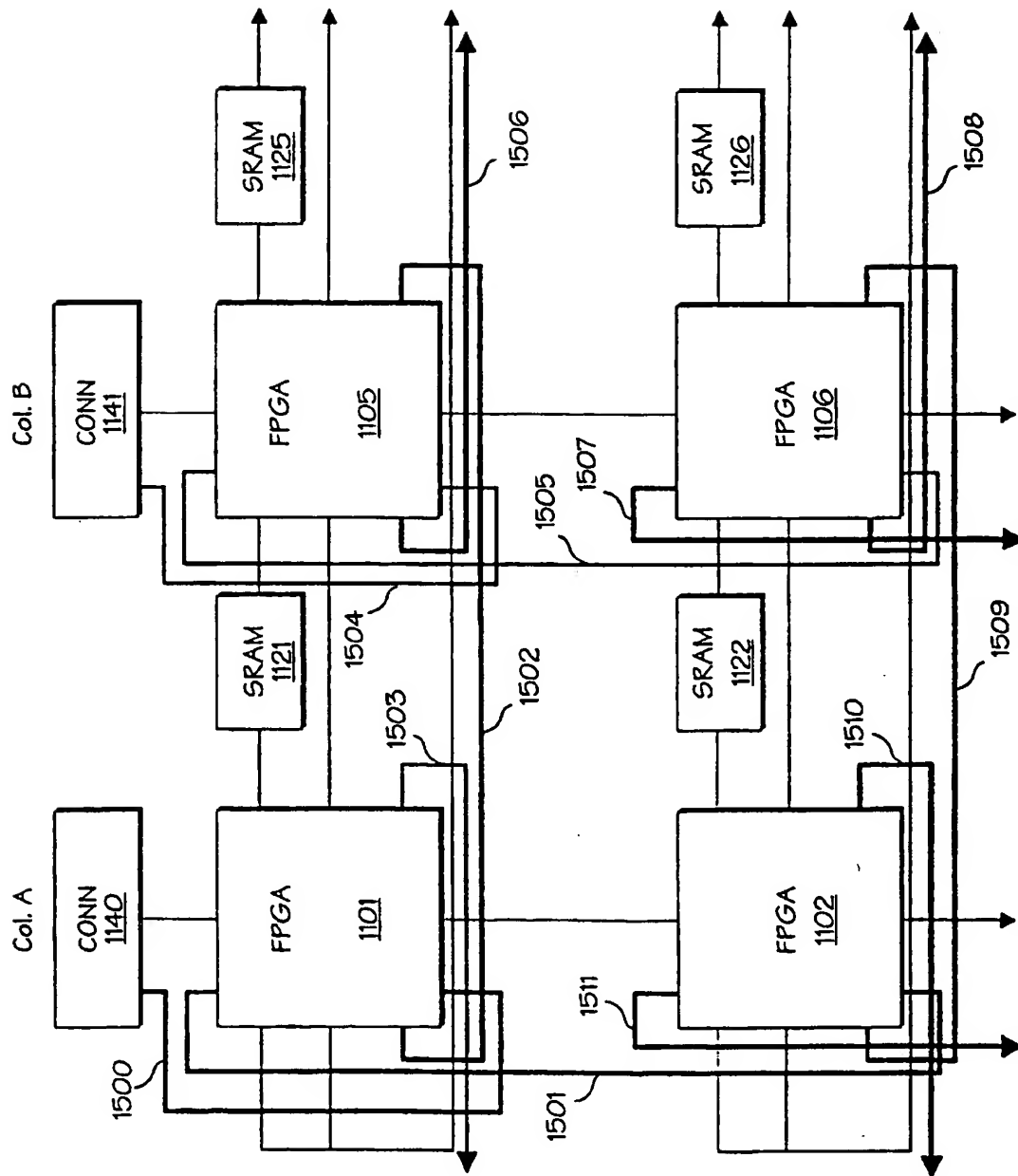


FIG. 59

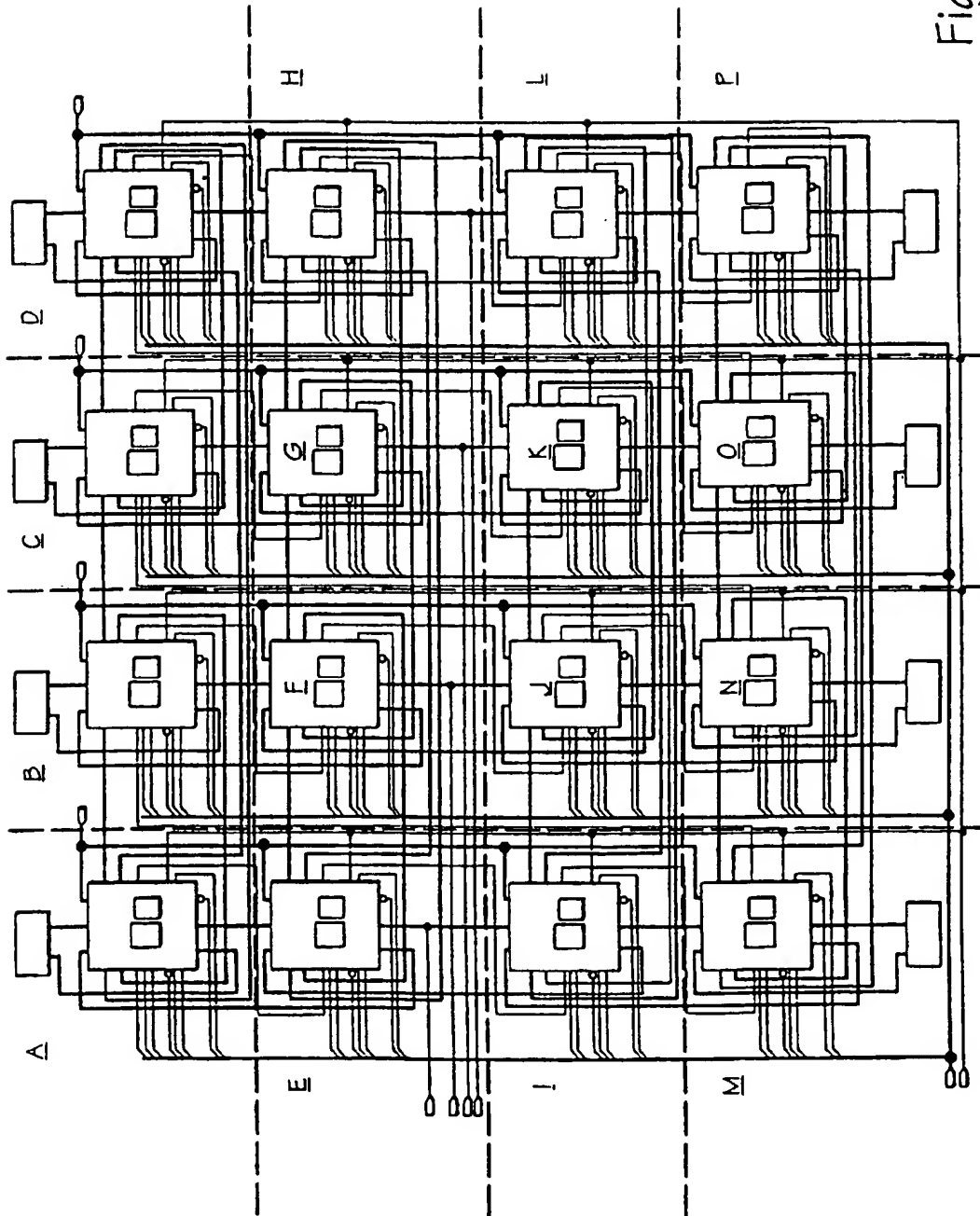
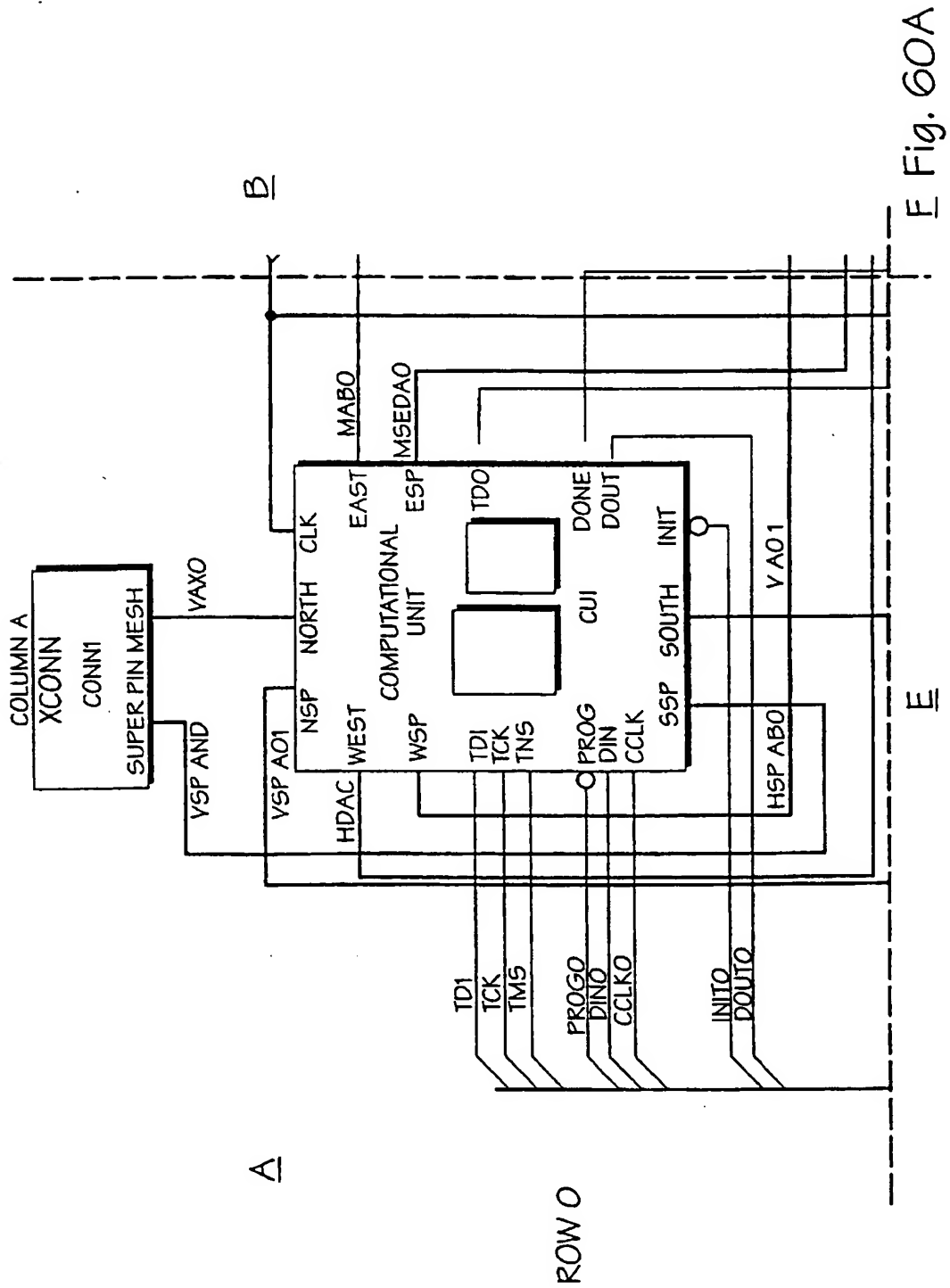


Fig. 60





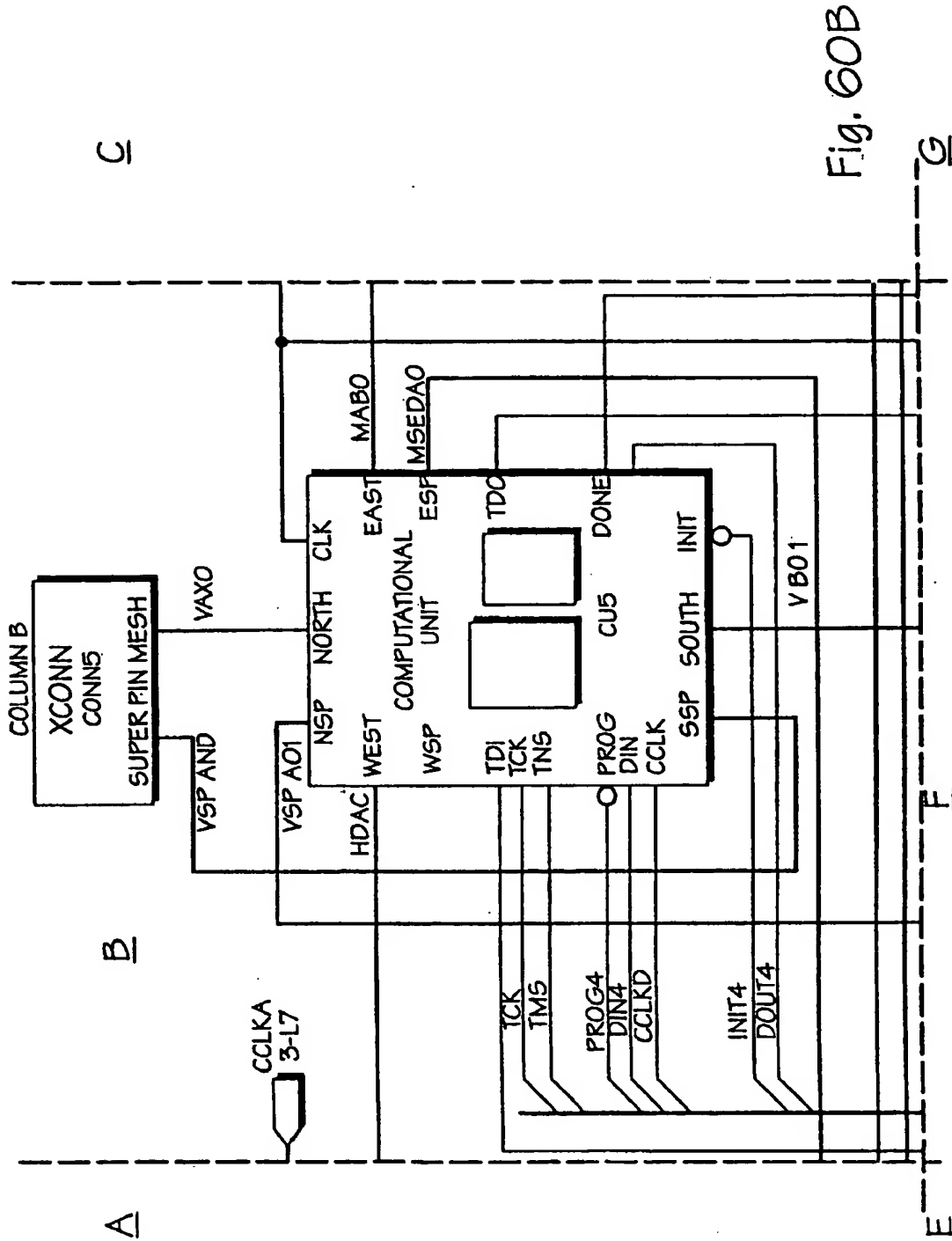


Fig. 60B

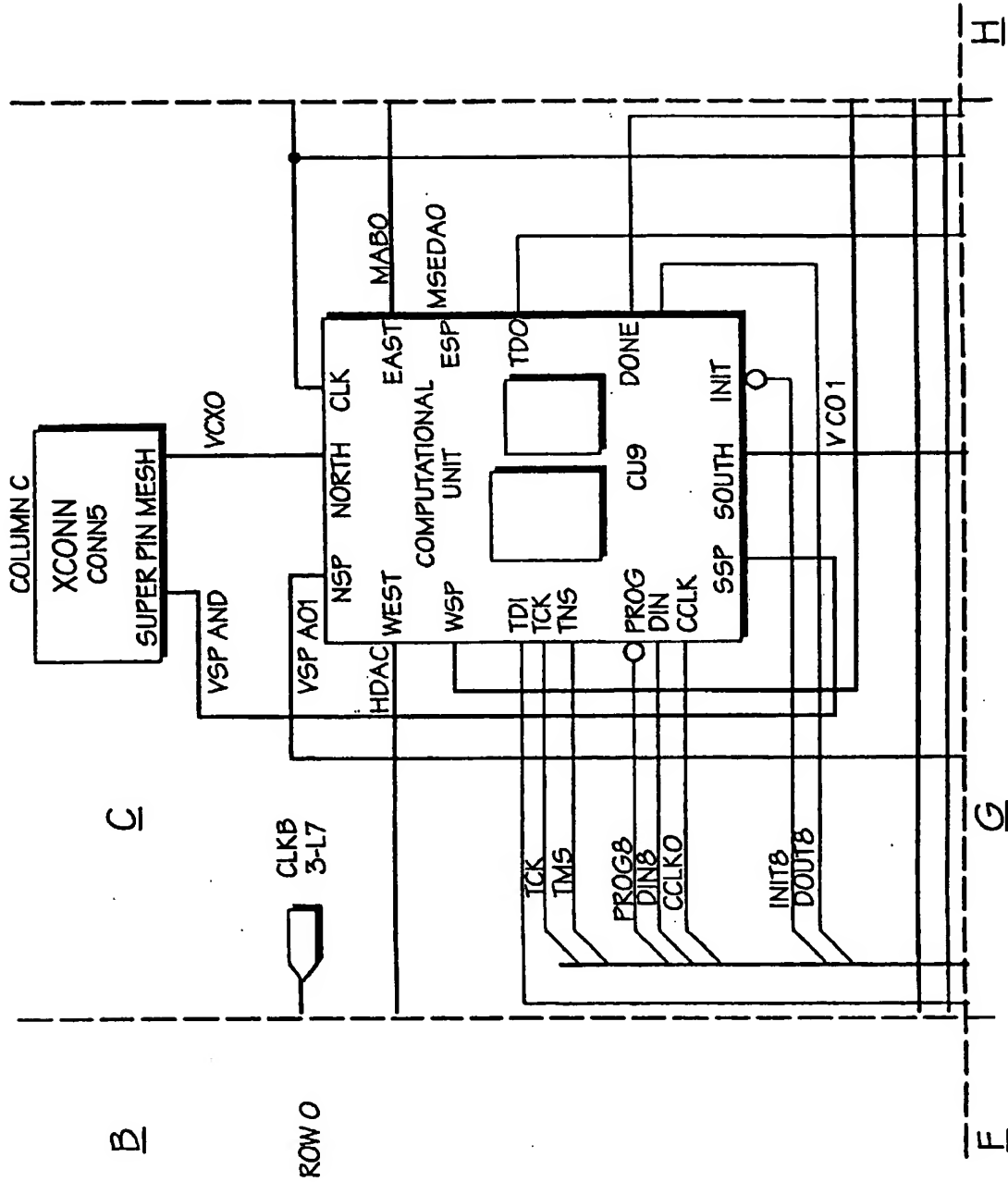
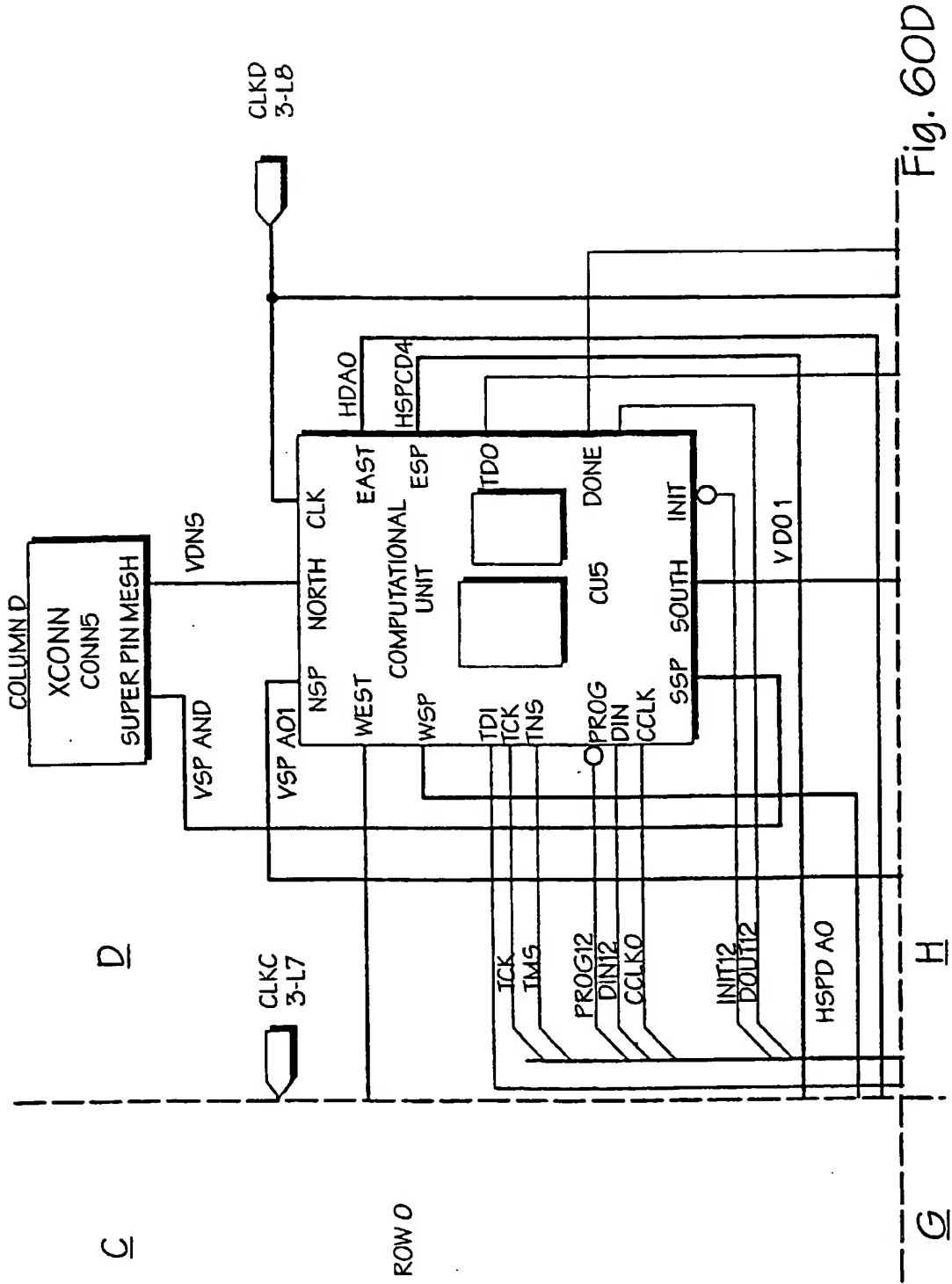
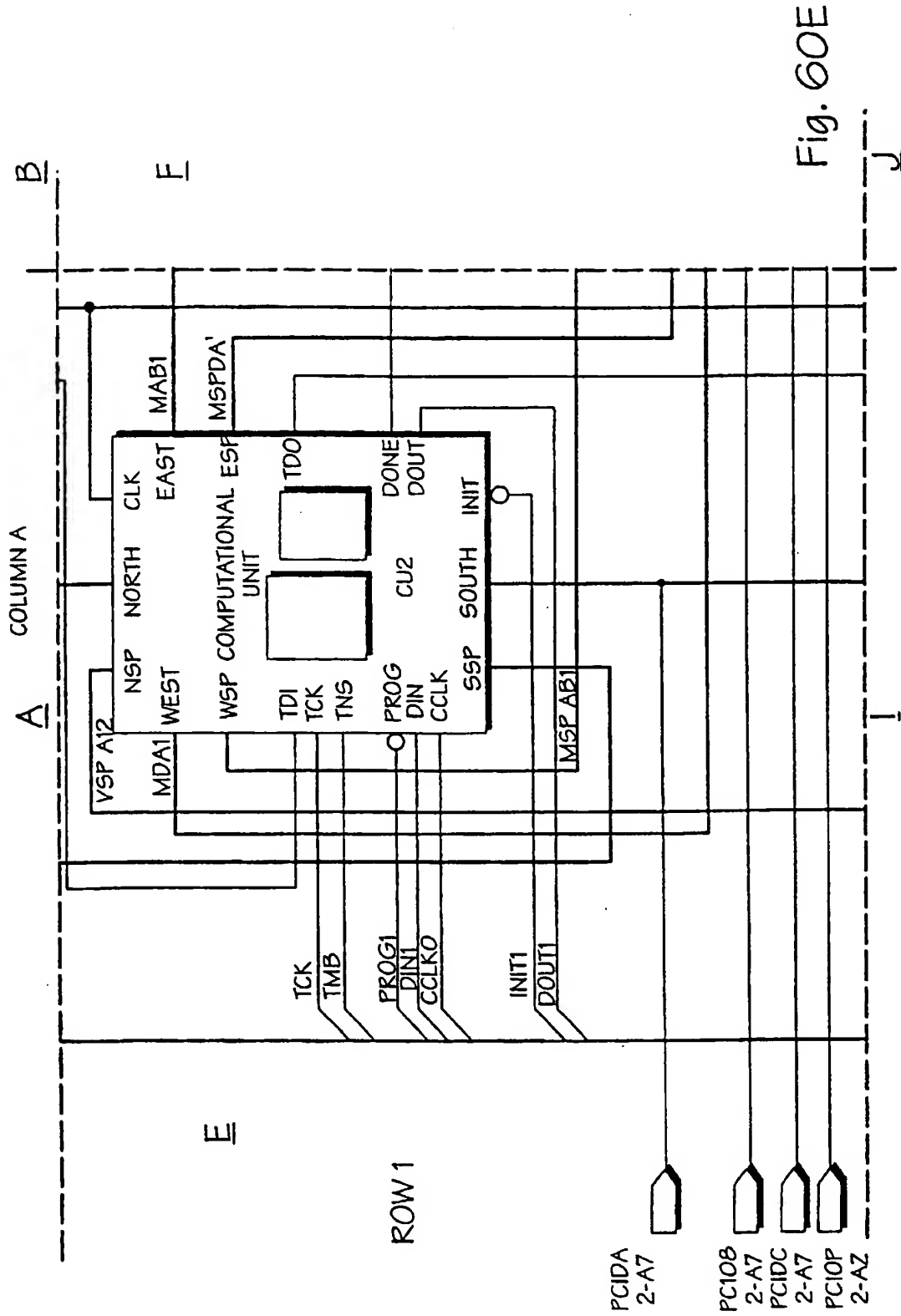


Fig. 60C





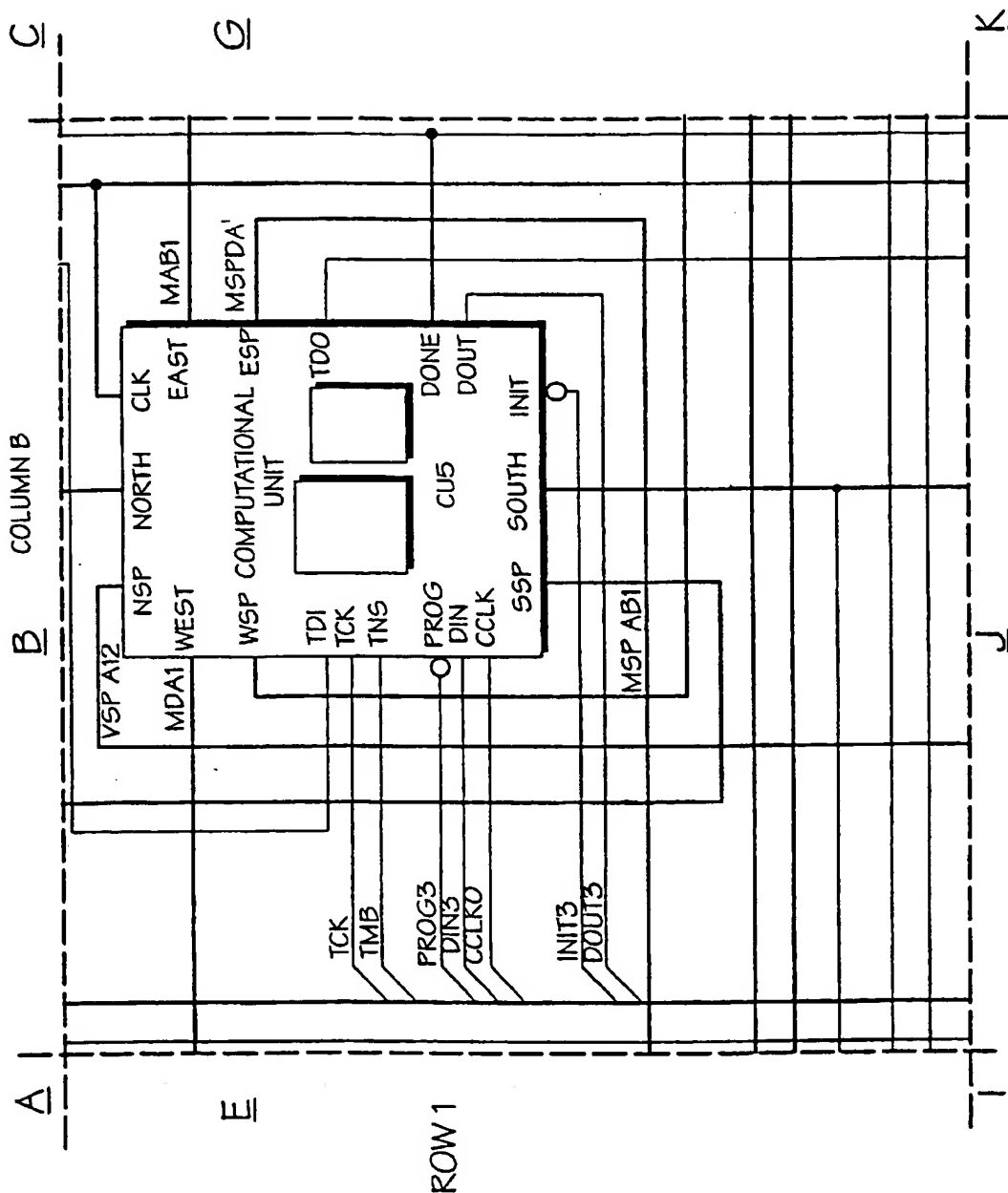


Fig. 60F

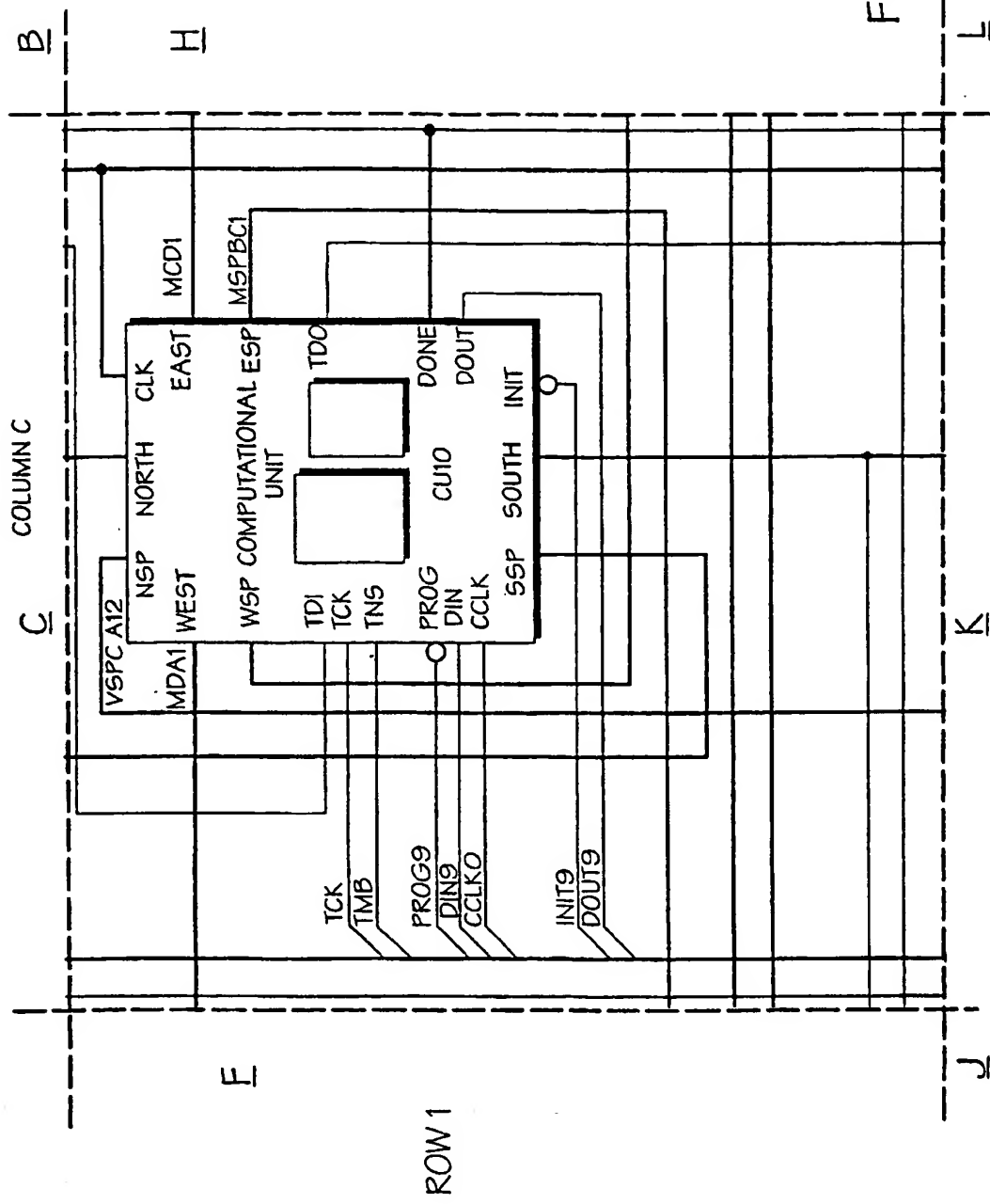
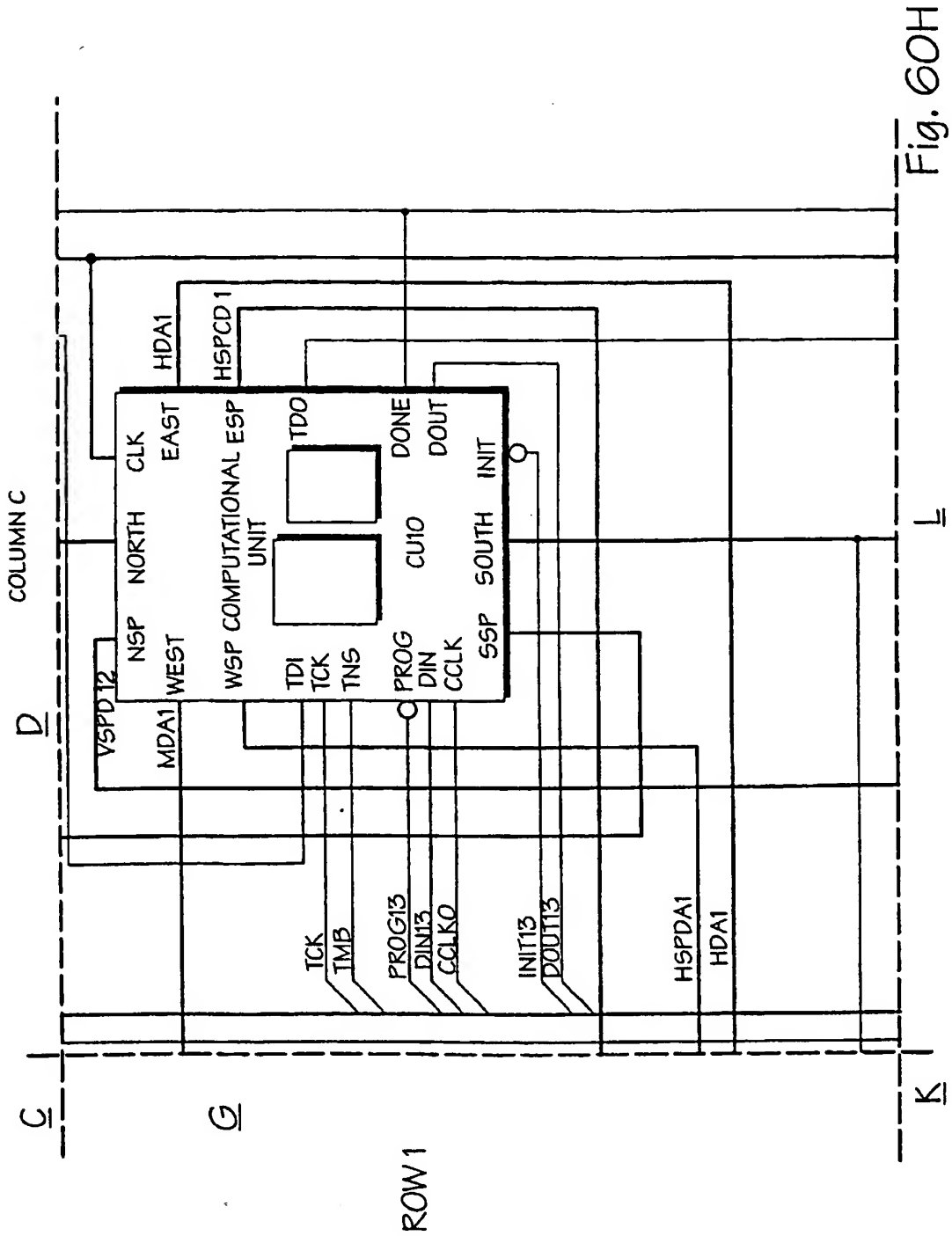
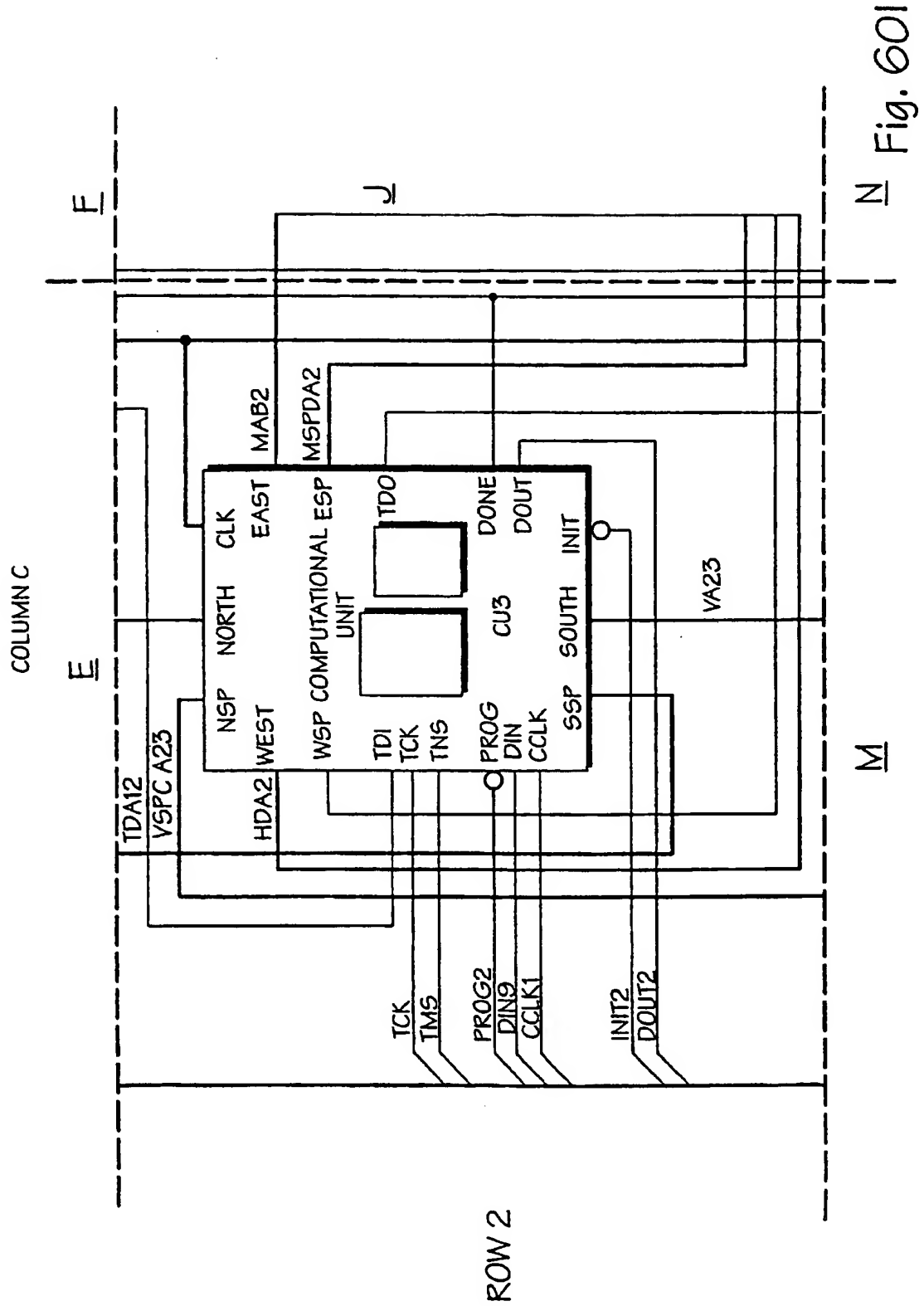


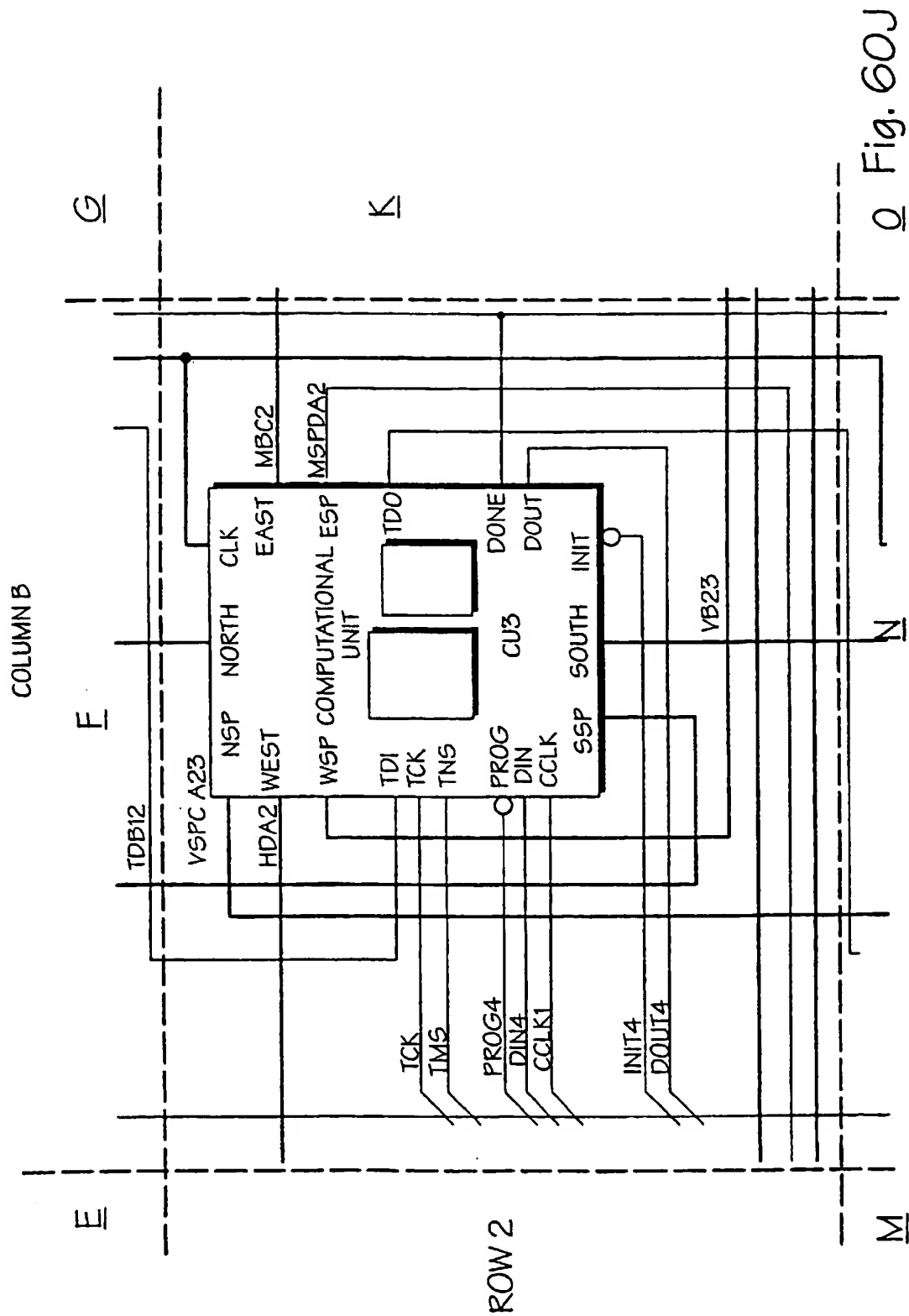
Fig. 600G







N Fig. 601



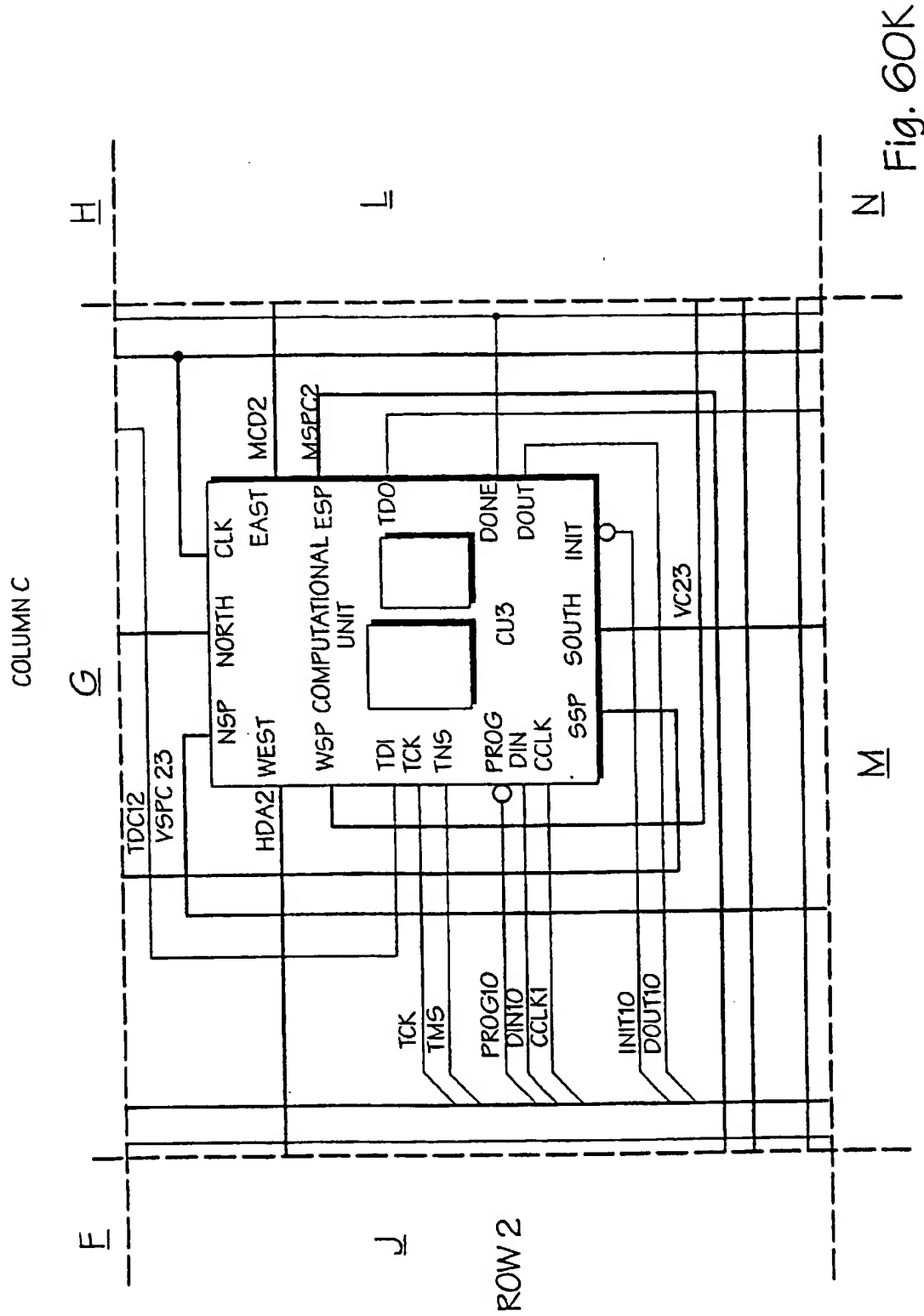


Fig. 60K

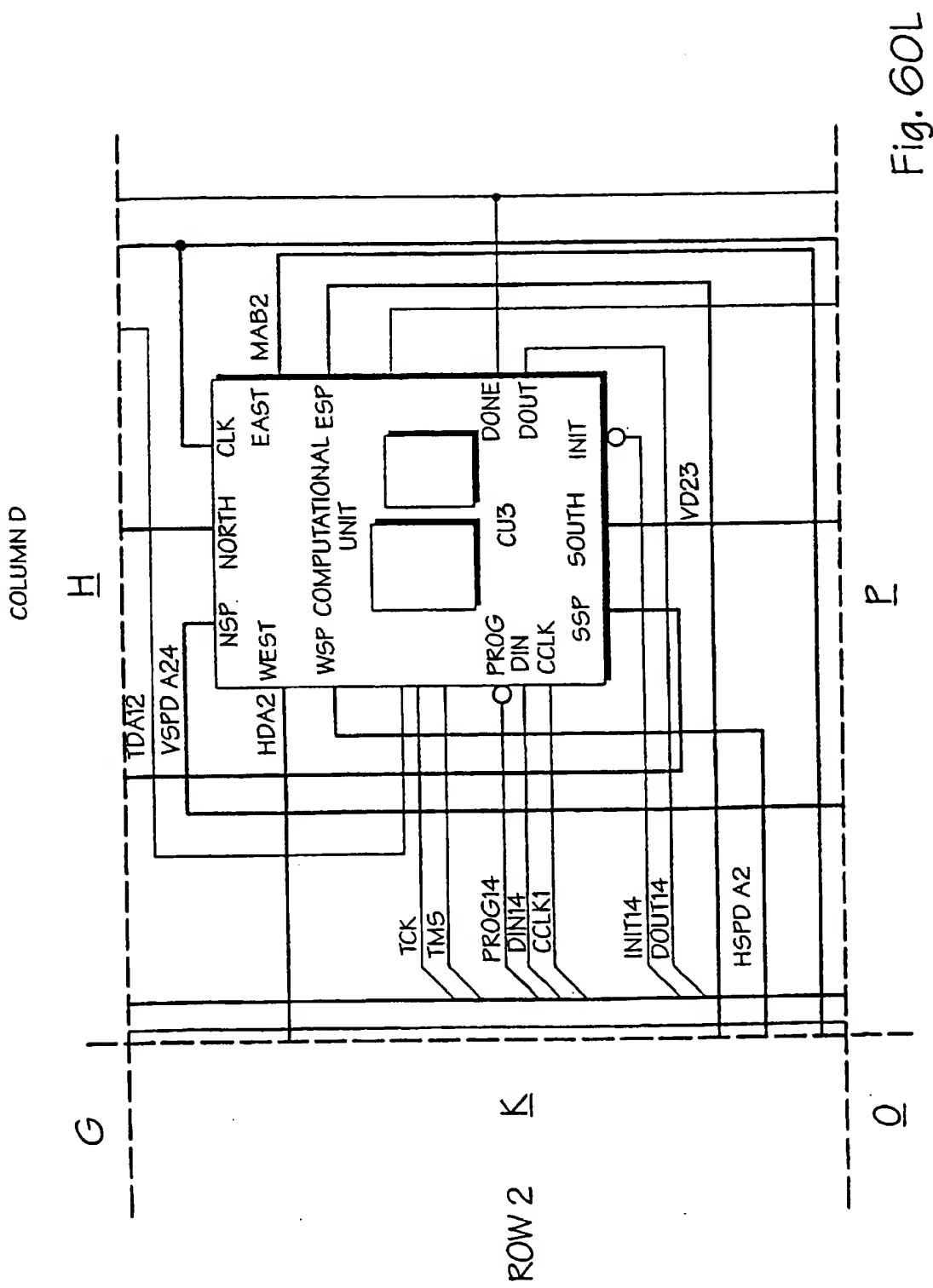


Fig. 60L

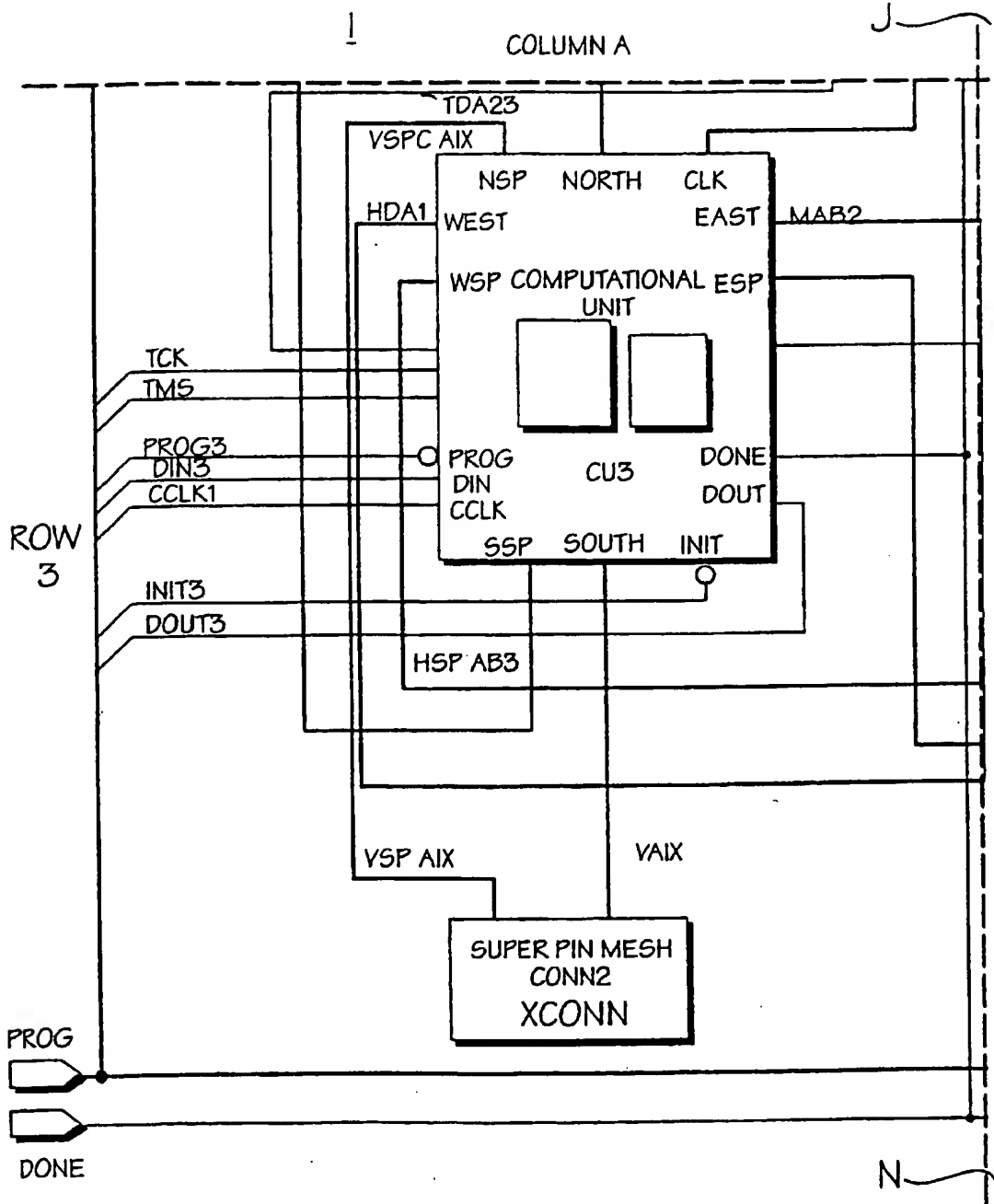


Fig. 60M

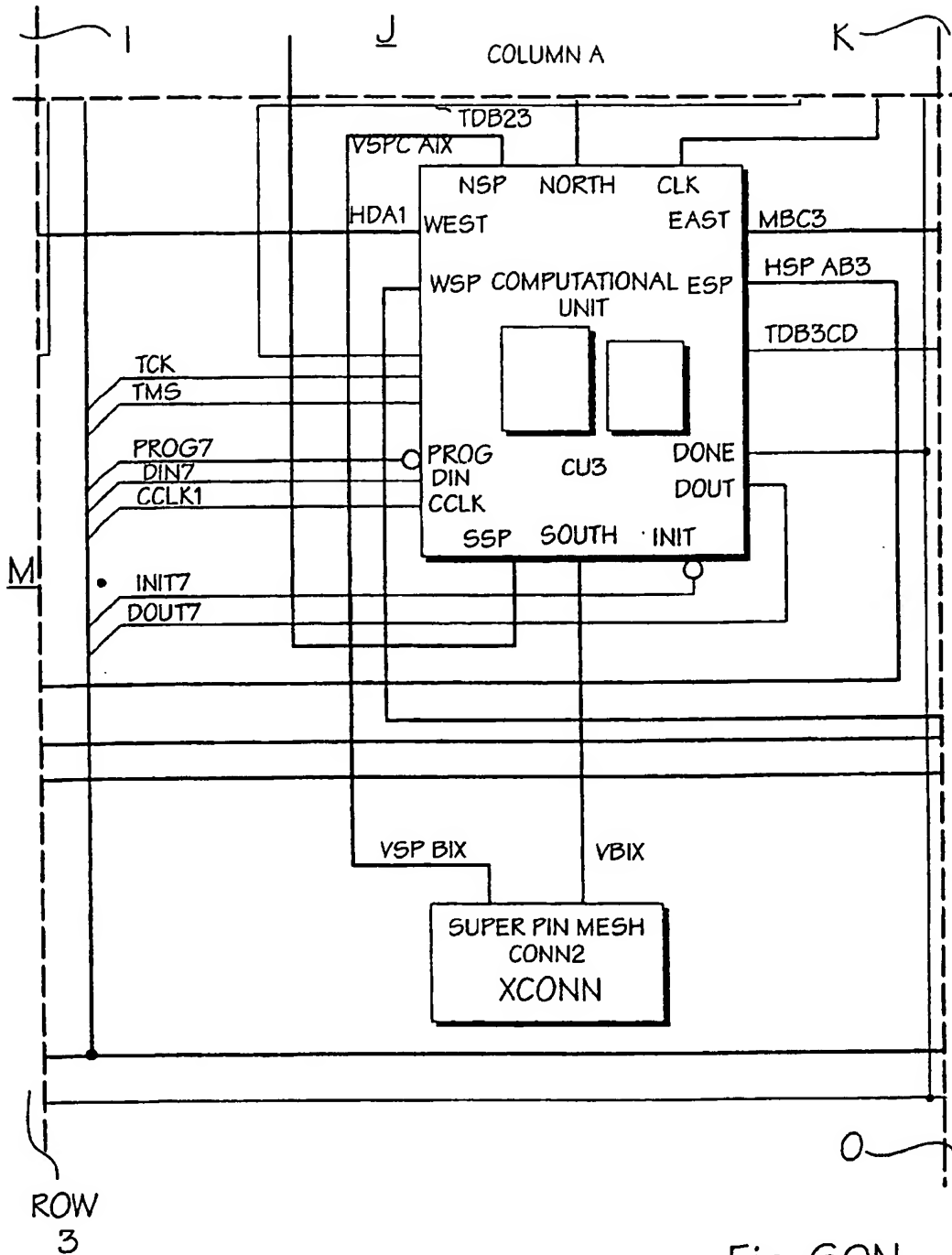


Fig. 60N

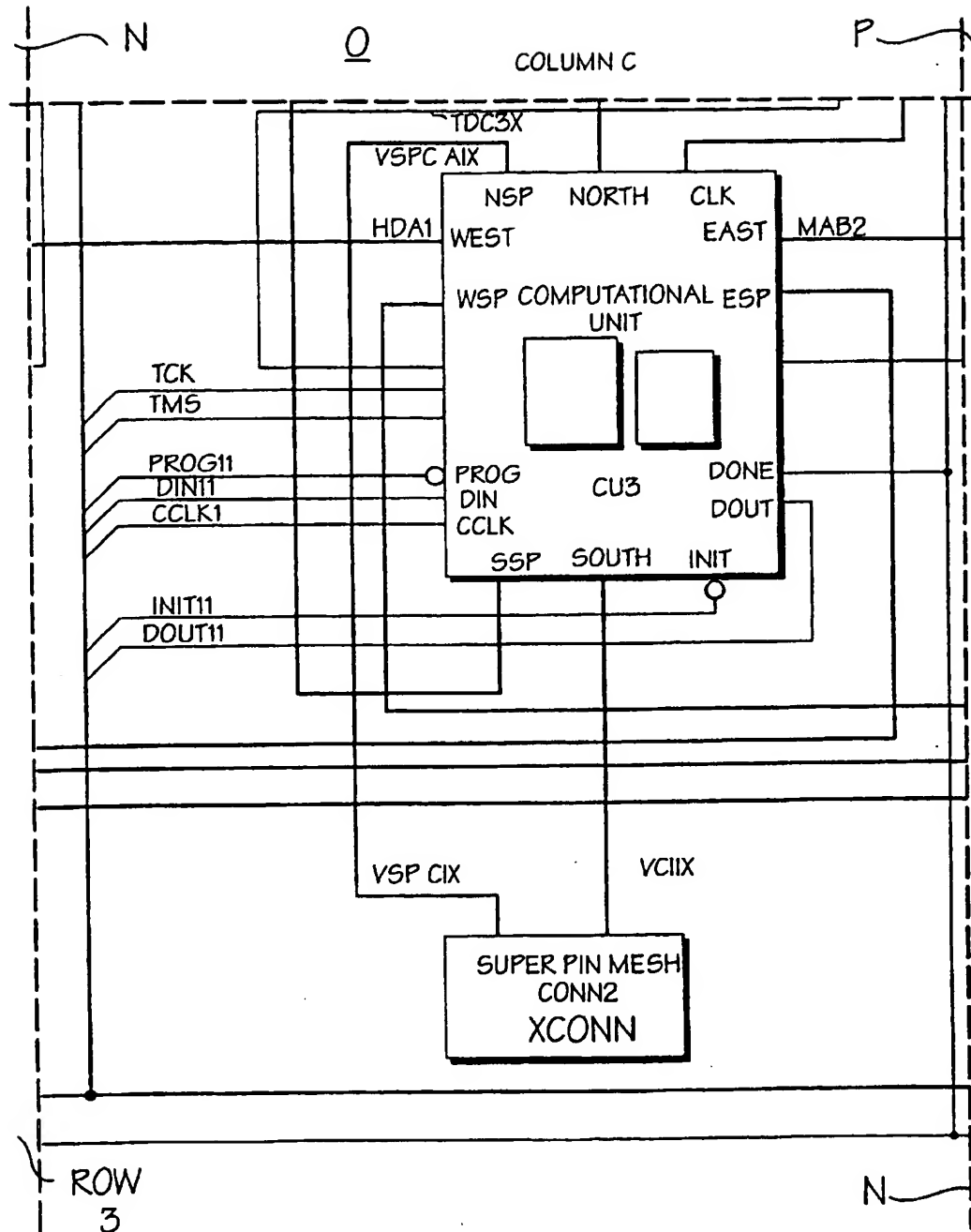


Fig. 600

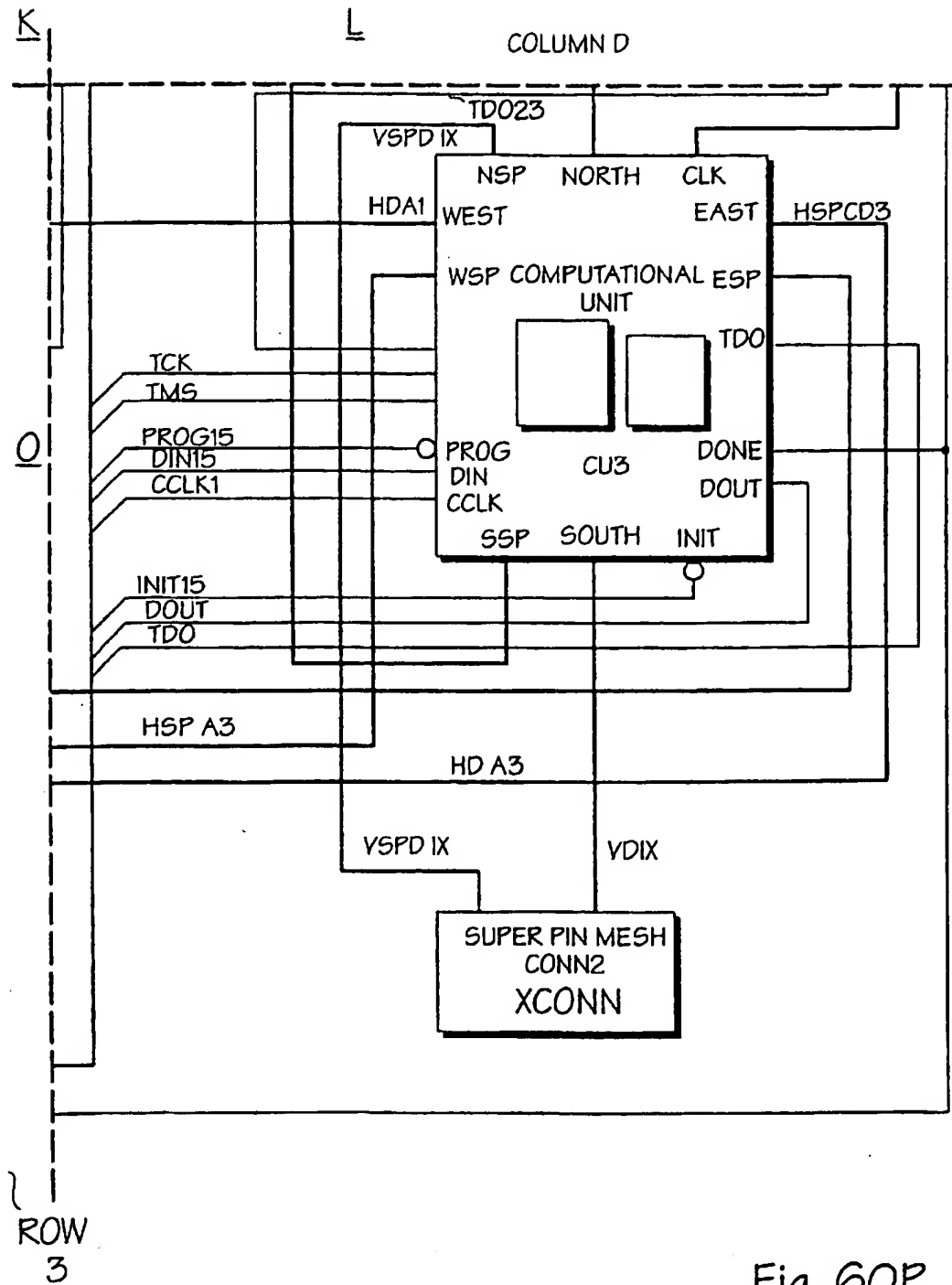


Fig. 60P



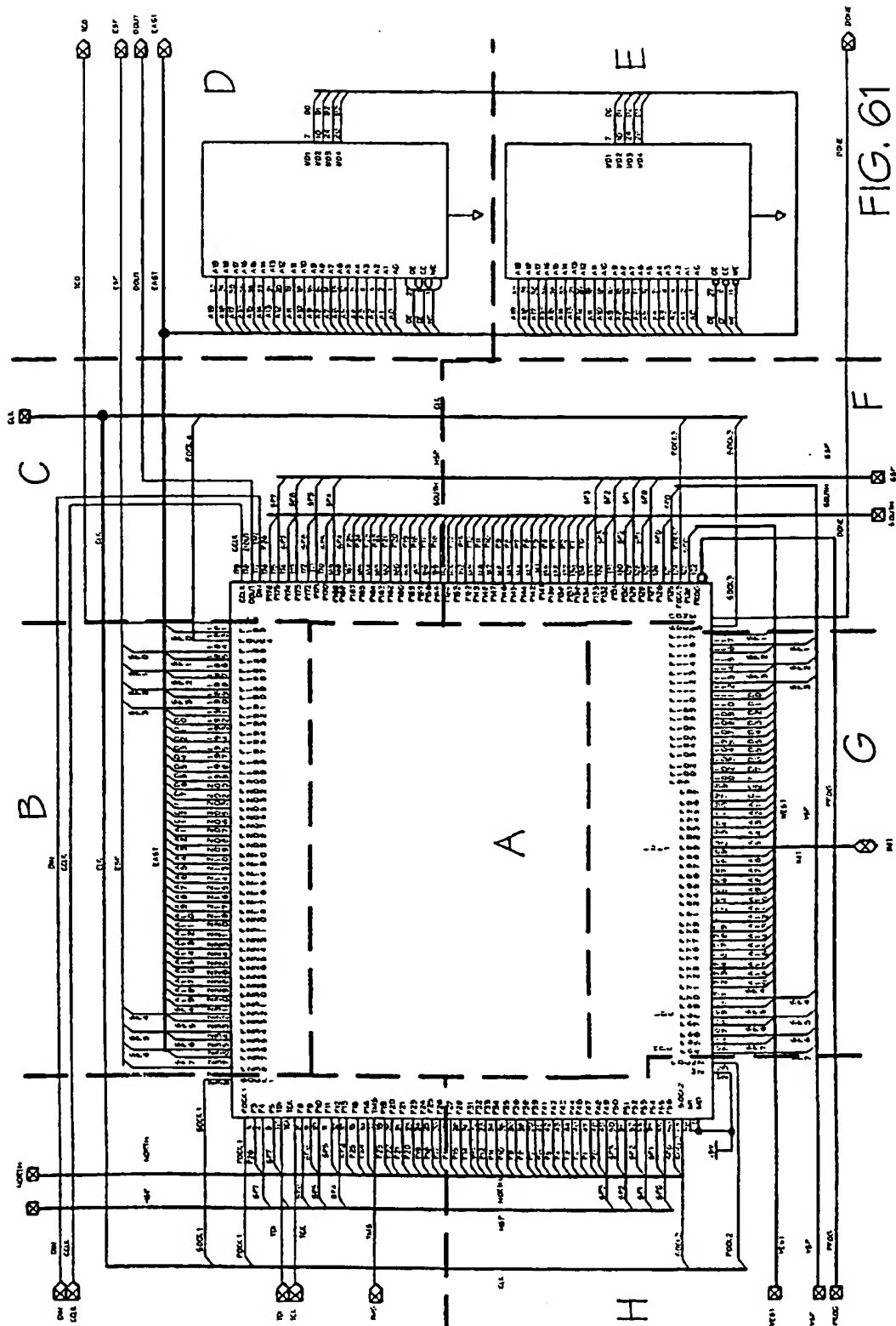
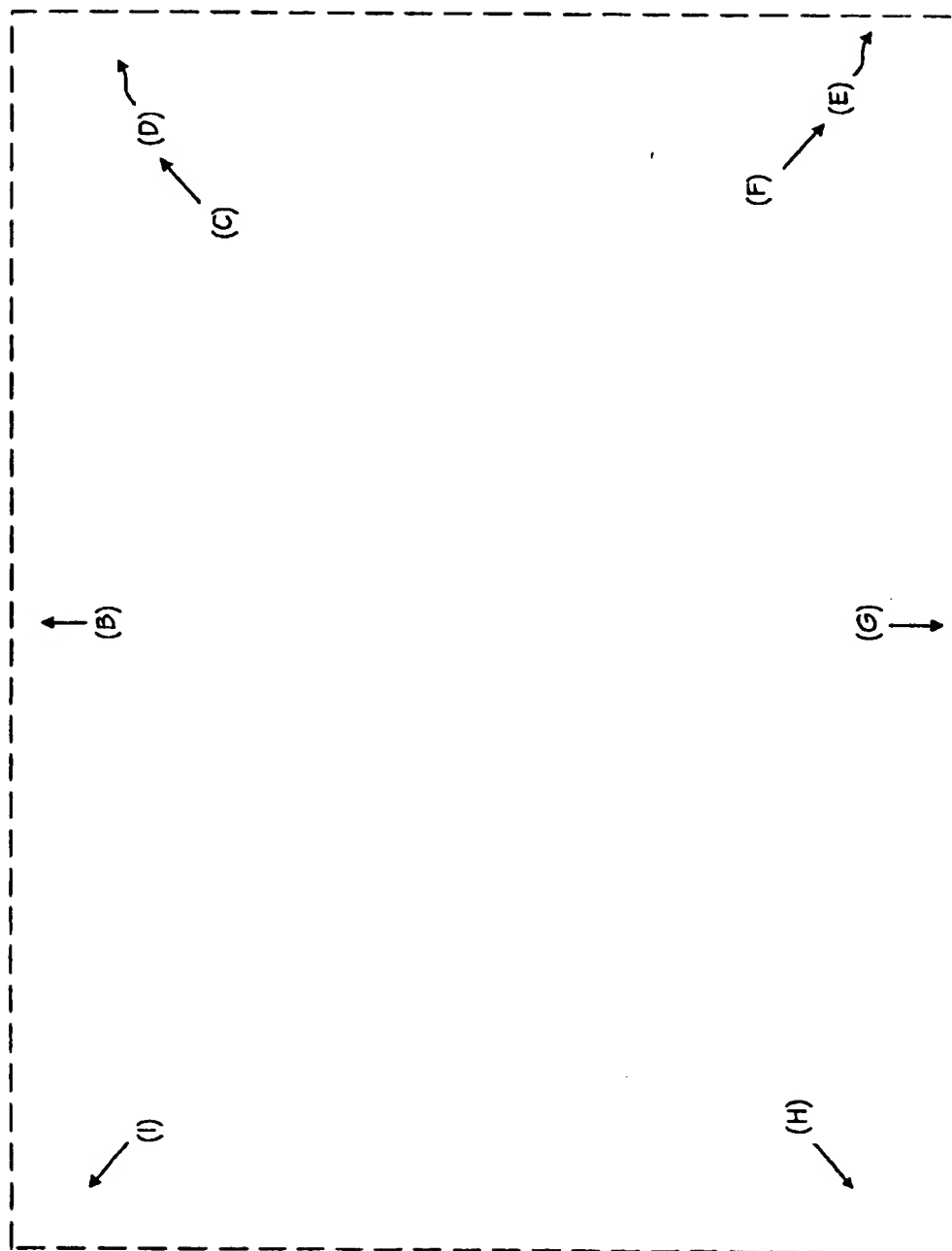


FIG. 61



DIN		CCLK			
CLK		ESP			
		EAST			
SP 0	SP 4	SP 5	SP 6	SP 7	SP 0
SP 1	SP 5	SP 6	SP 7	SP 0	SP 1
SP 2	SP 6	SP 7	SP 0	SP 1	SP 2
SP 3	SP 7	SP 0	SP 1	SP 2	SP 3
		EAST			
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		4</			

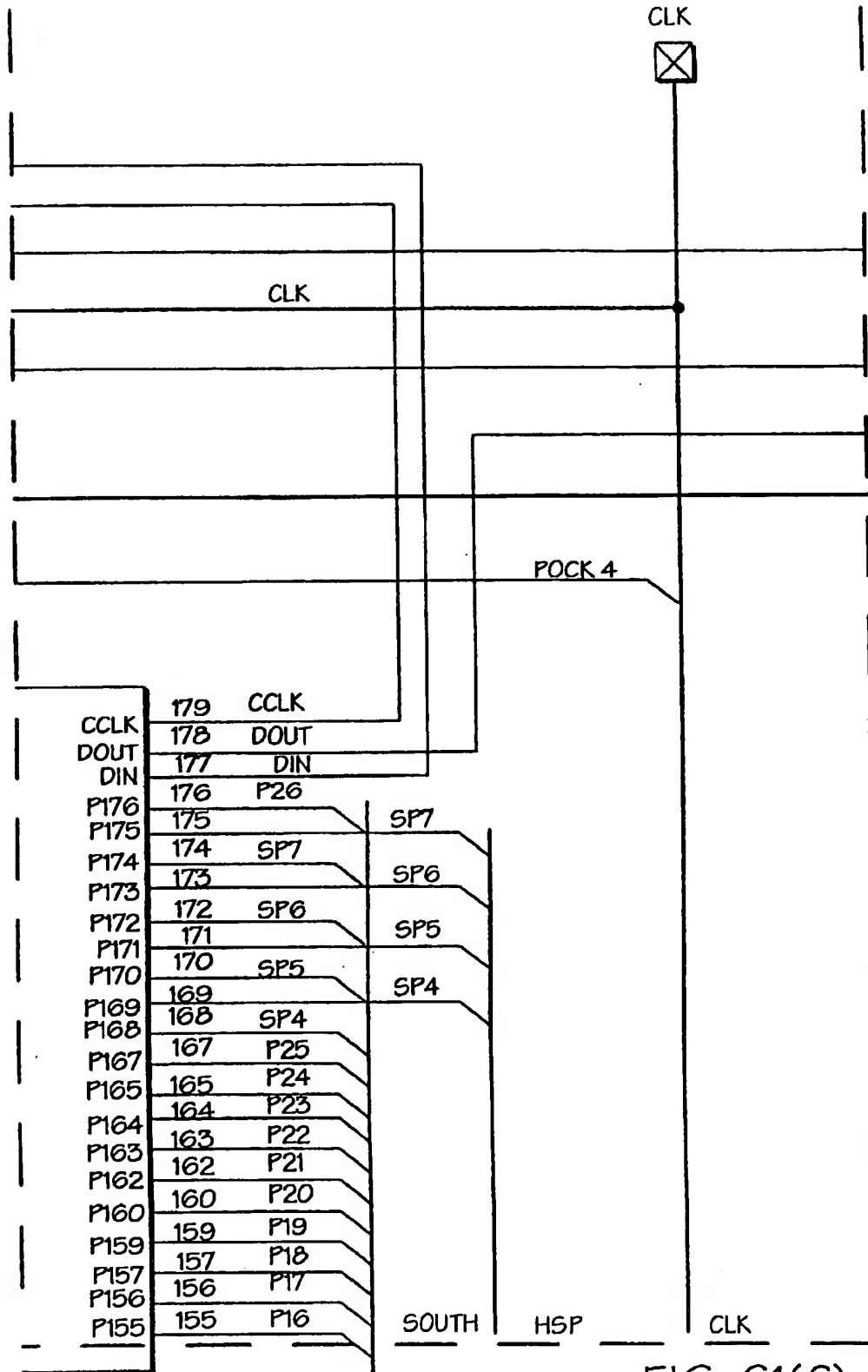


FIG. 61(C)

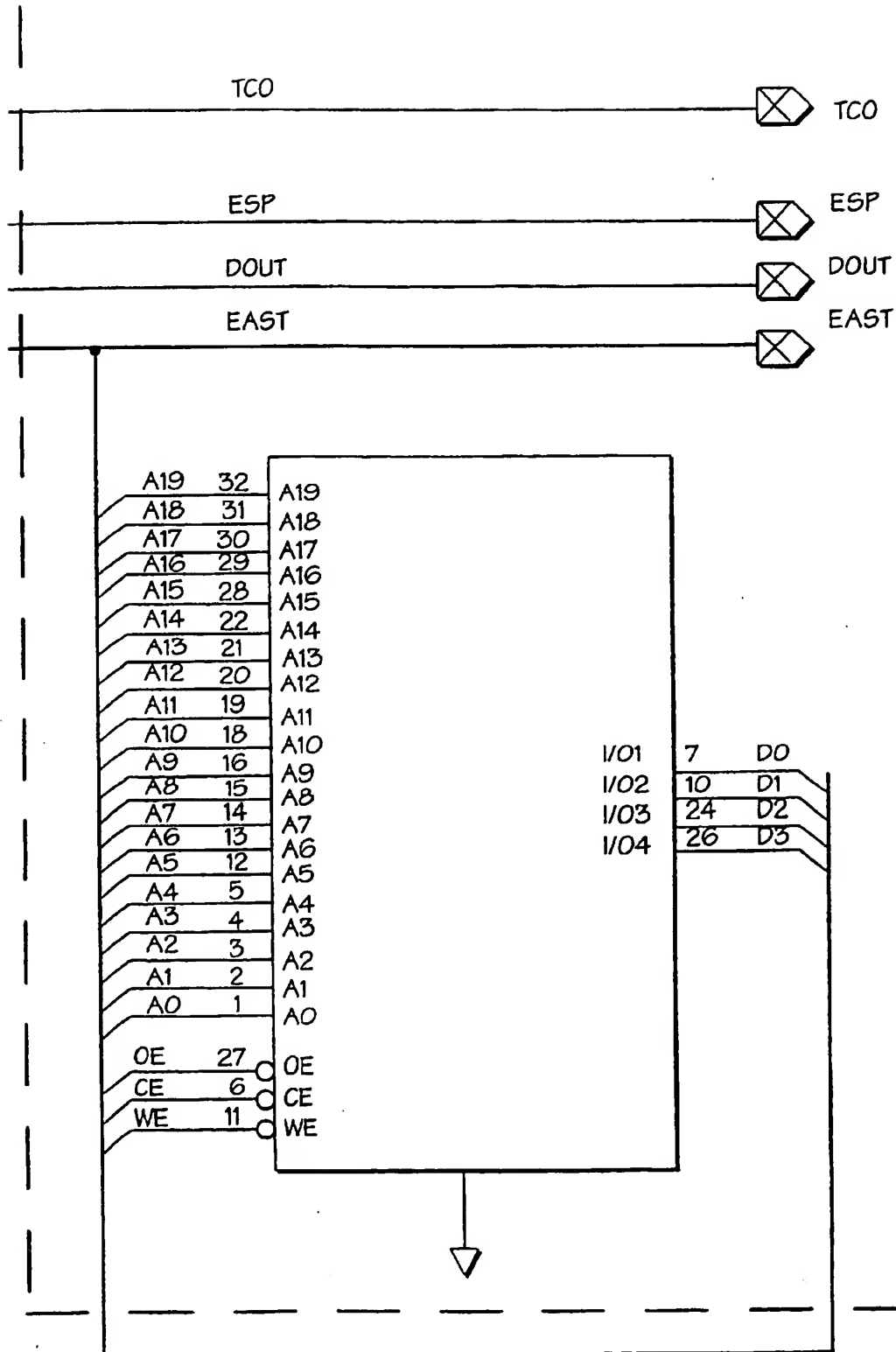


FIG. 61(D)

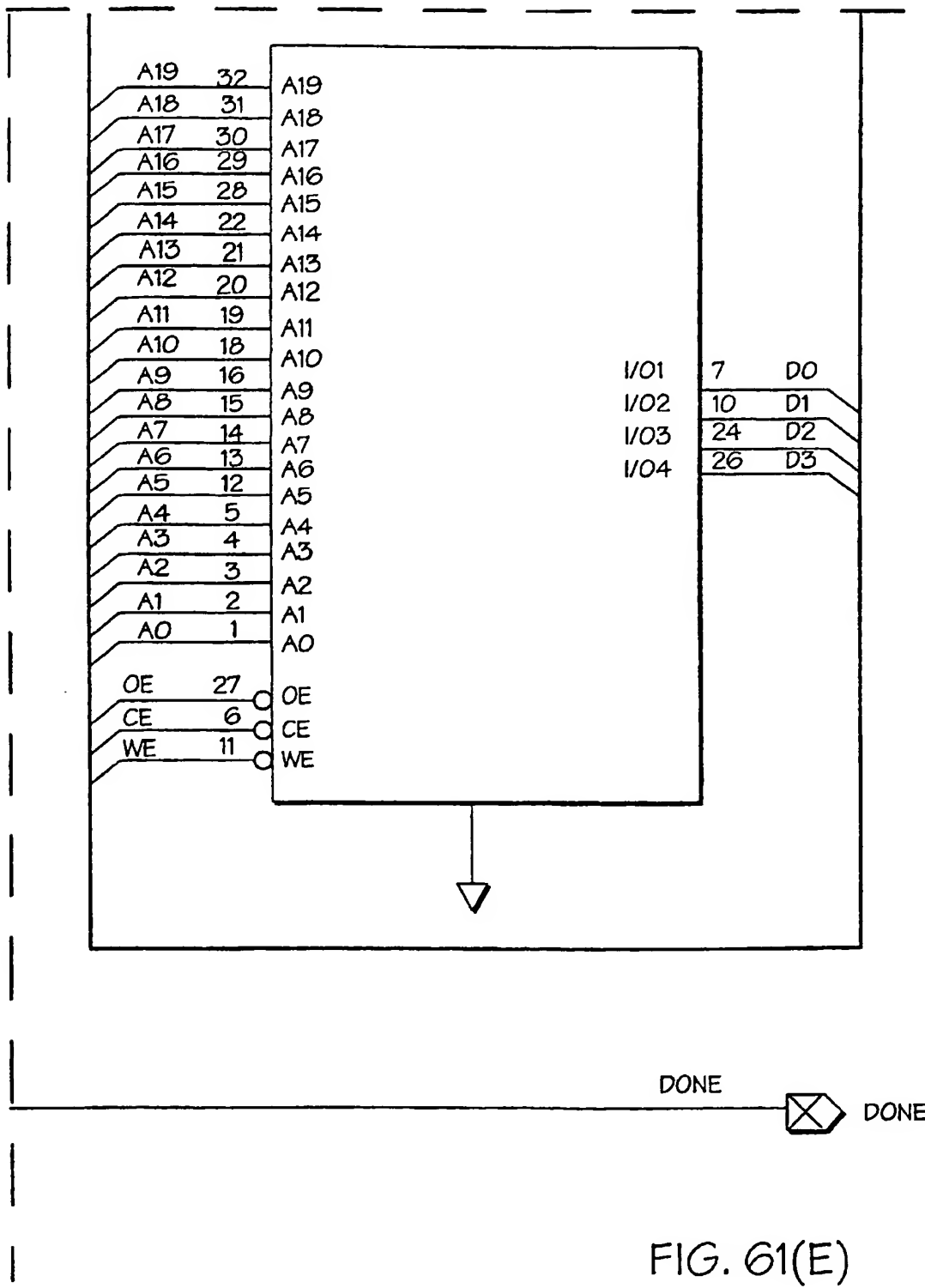
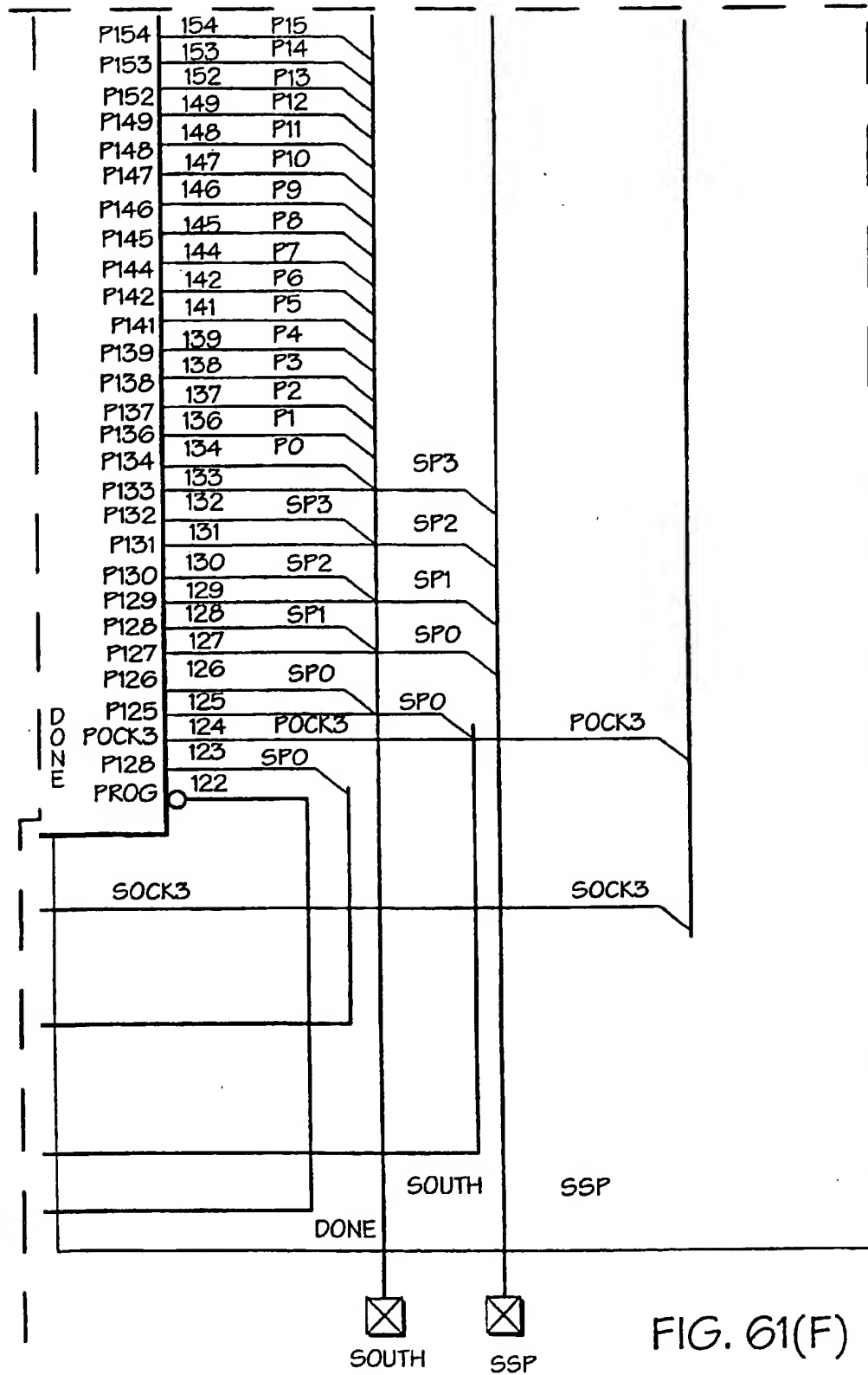
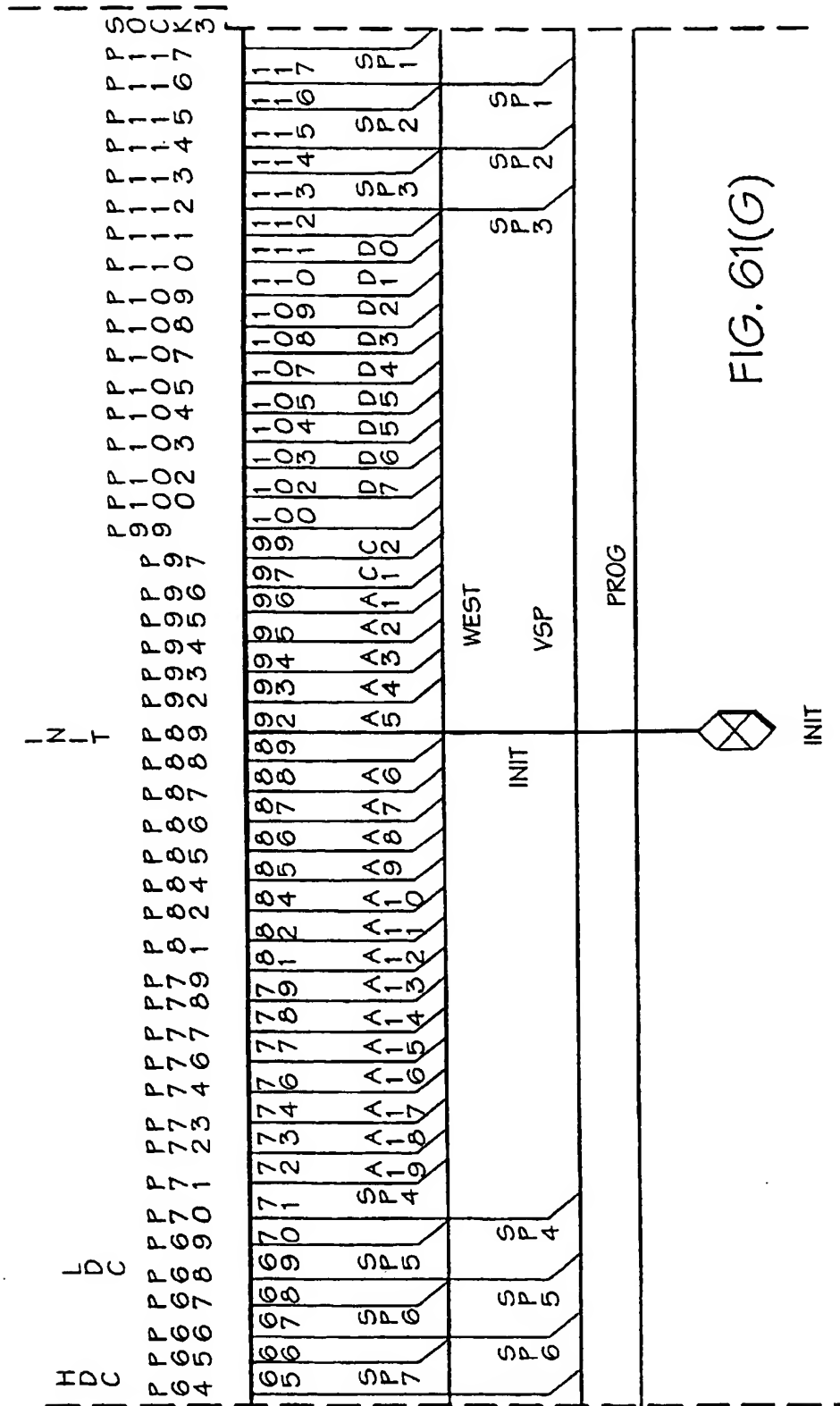


FIG. 61(E)







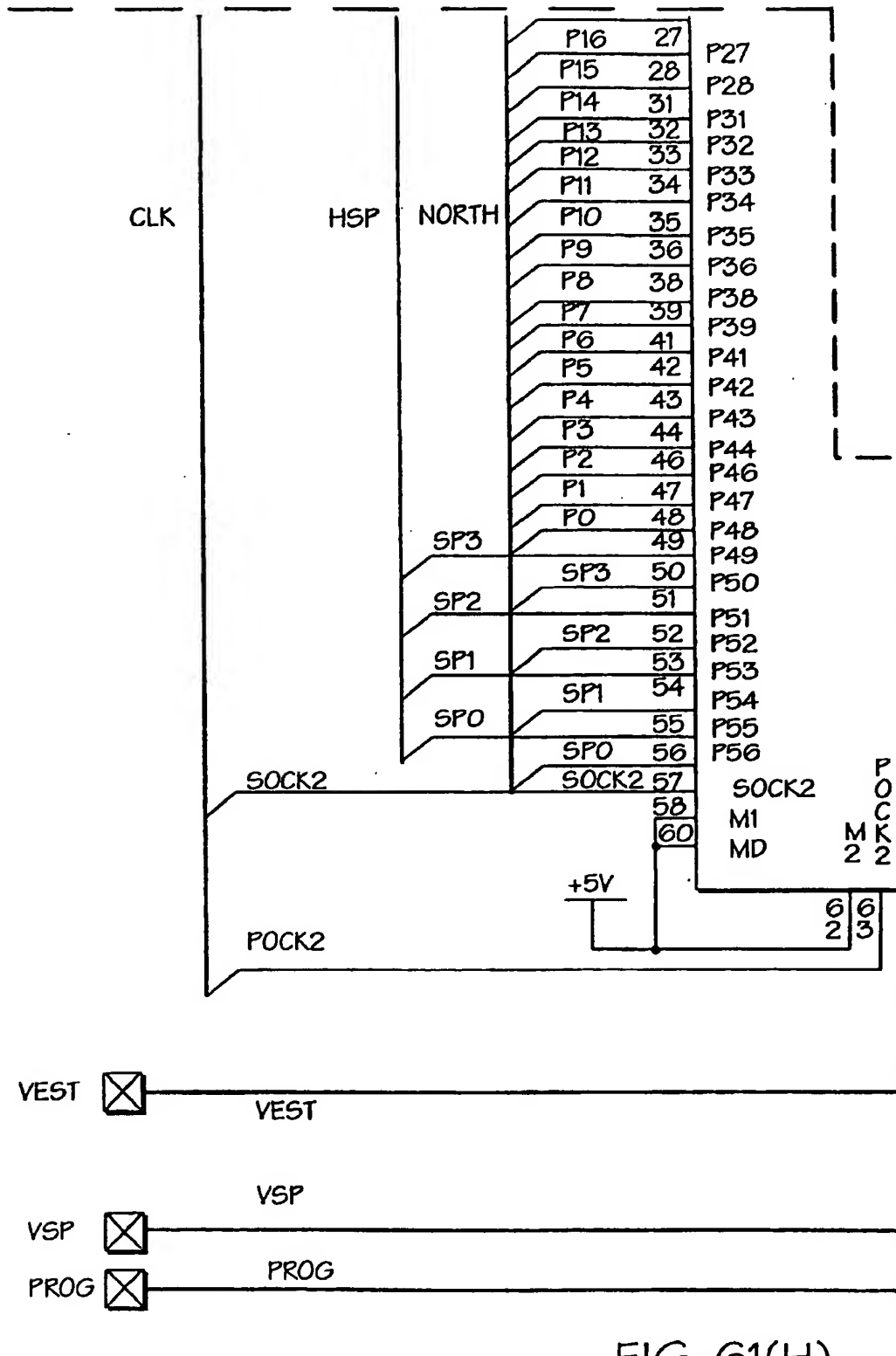


FIG. 61(H)

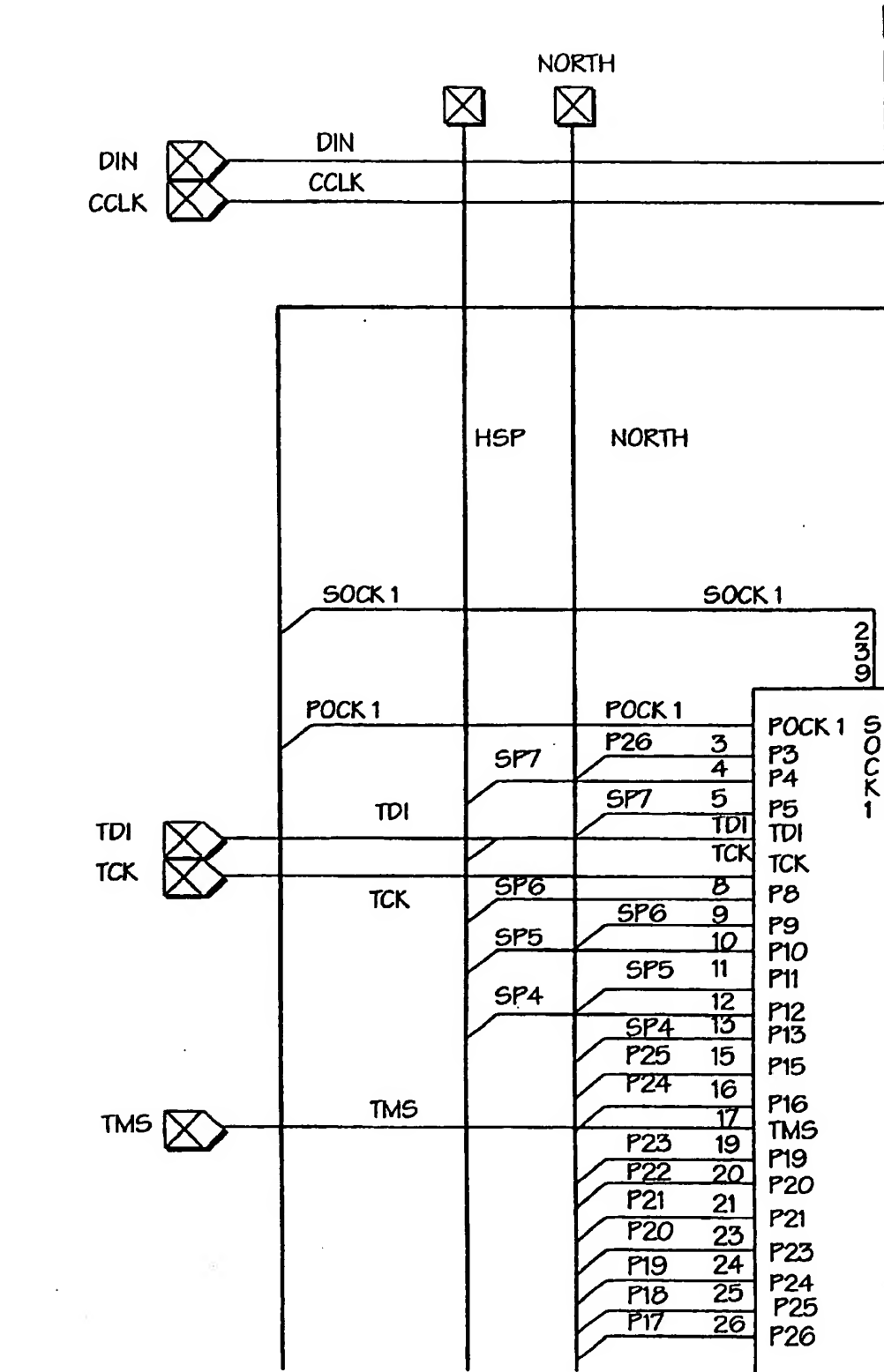


FIG. 61(I)

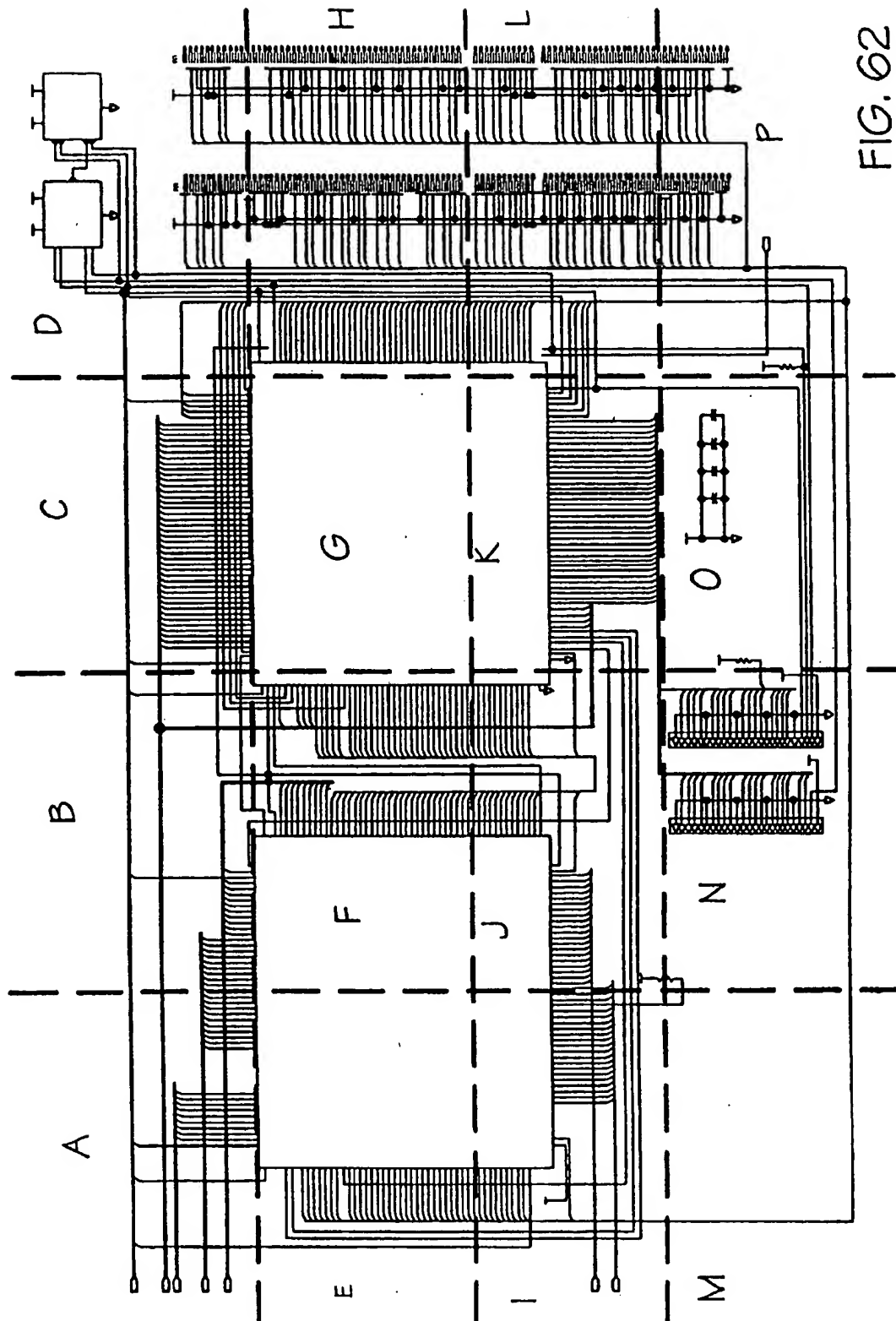
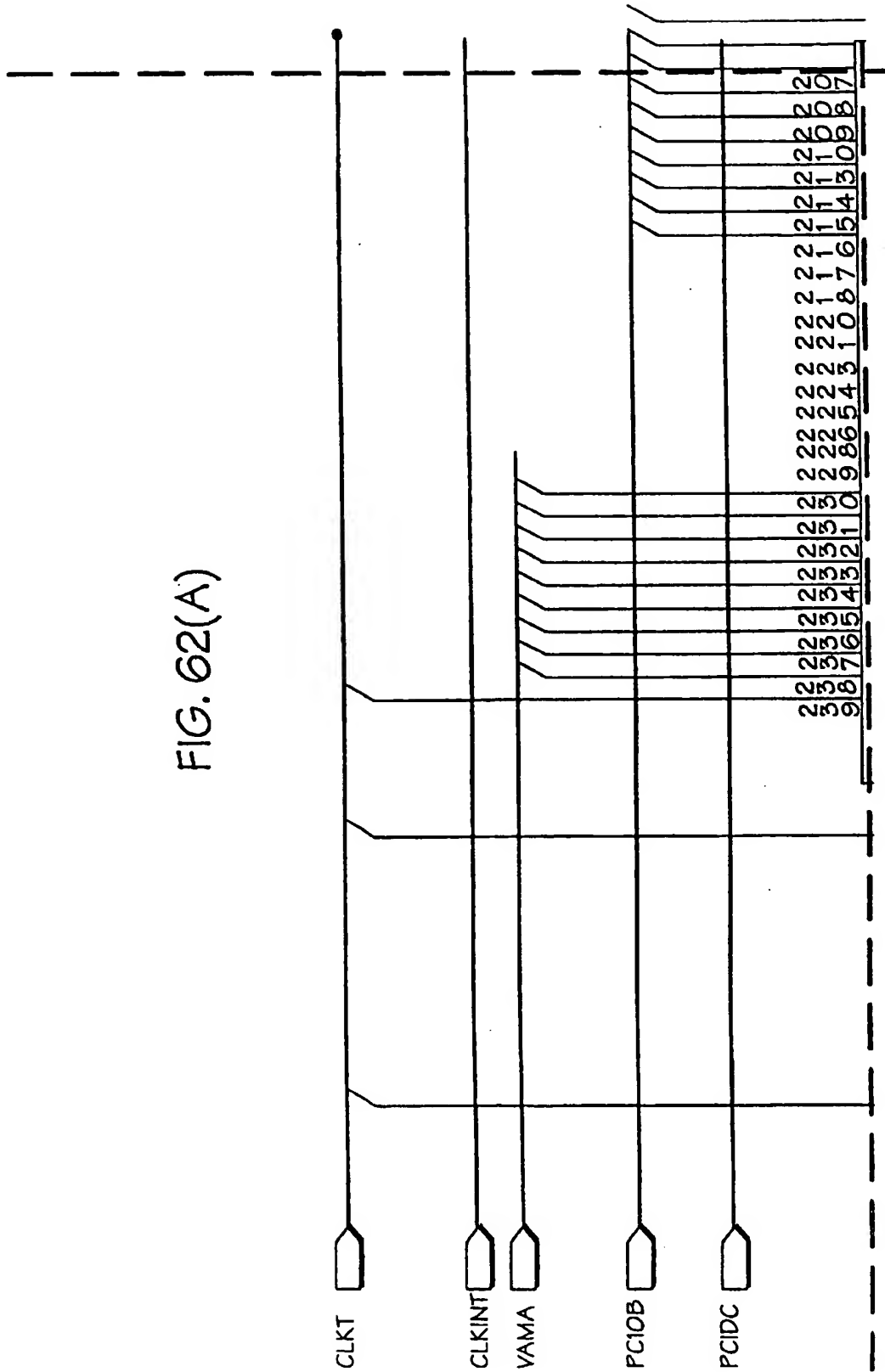


FIG. 62

FIG. 62(A)



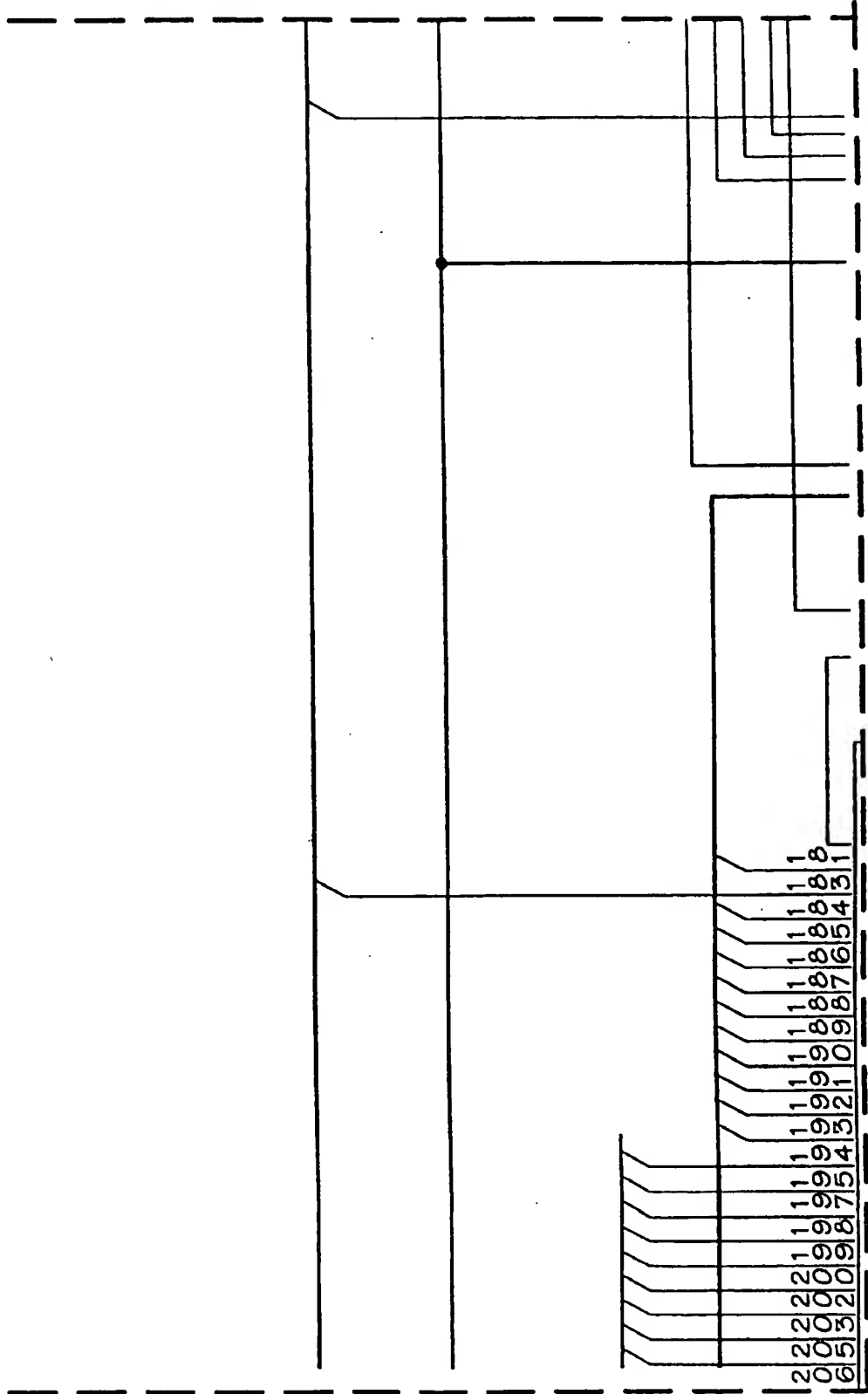


FIG. 62(B)

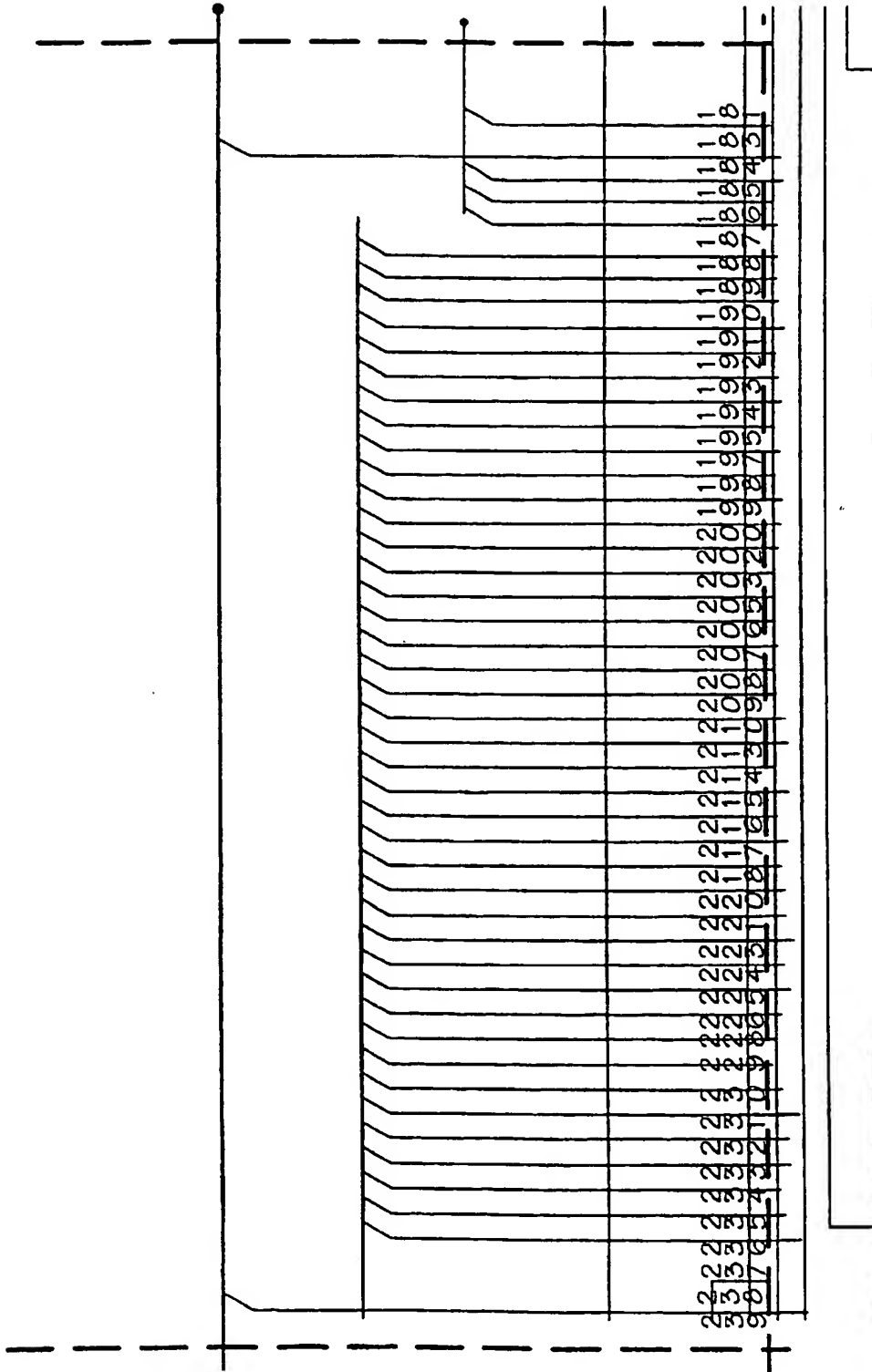


FIG. 62(C)

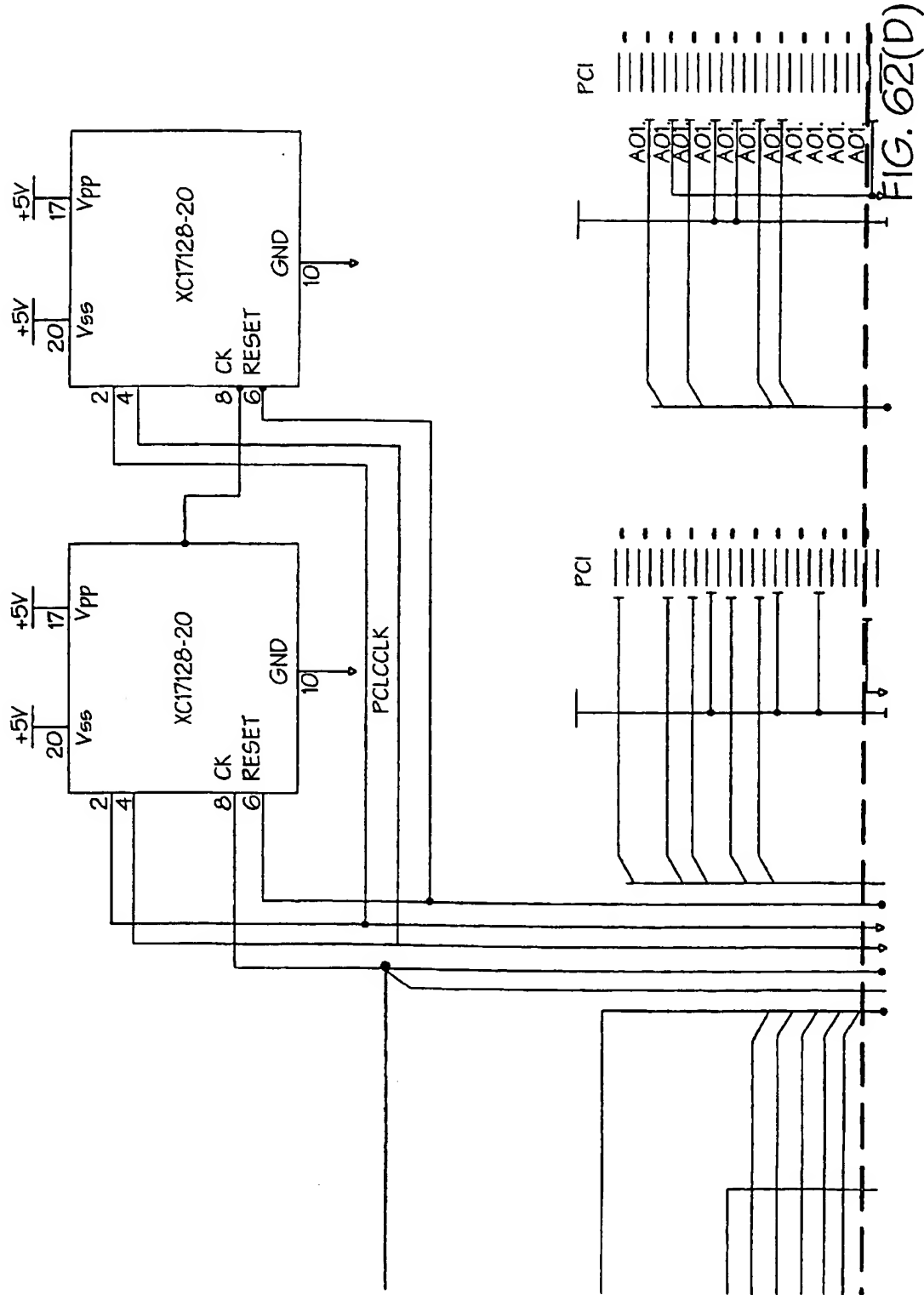


FIG. 62(D)

2	POCK15	P	2223354
3	P3	P	2223354
4	P4	P	2223354
5	P5	P	2223354
6	TDI	P	2223354
7	TCK	P	2223354
9	P8	P	2223354
10	P9	P	2223354
11	P10	P	2223354
12	P11	P	2223354
13	P12	P	2223354
14	P13	P	2223354
15	P14	P	2223354
16	P15	P	2223354
17	P16	P	2223354
18	TMS	P	2223354
19	P17	P	2223354
20	P18	P	2223354
21	P19	P	2223354
22	P20	P	2223354
23	P21	P	2223354
24	P22	P	2223354
25	P23	P	2223354
26	P24	P	2223354
27	P25	P	2223354
28	P26	P	2223354
29	P27	P	2223354
30	P28	P	2223354
31	P29	P	2223354
32	P30	P	2223354
33	P31	P	2223354
34	P32	P	2223354
35	P33	P	2223354
36	P34	P	2223354
37	P35	P	2223354
38	P36	P	2223354
39	P37	P	2223354
40	P38	P	2223354
41	P39	P	2223354
42	P40	P	2223354
43	P41	P	2223354
44	P42	P	2223354
45	P43	P	2223354
46	P44	P	2223354
47	P45	P	2223354
48	P46	P	2223354
49	P47	P	2223354



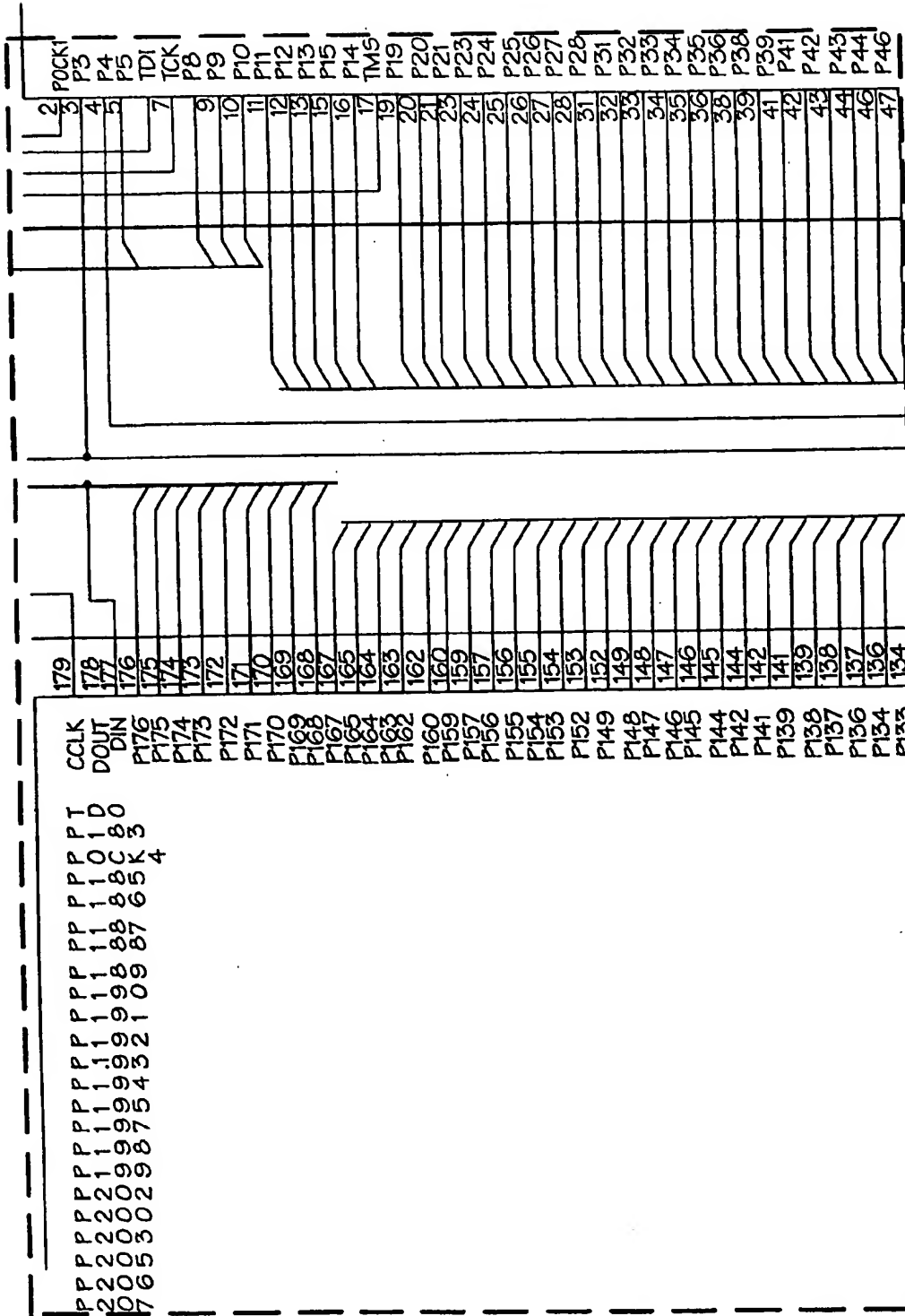


FIG. 62(F)



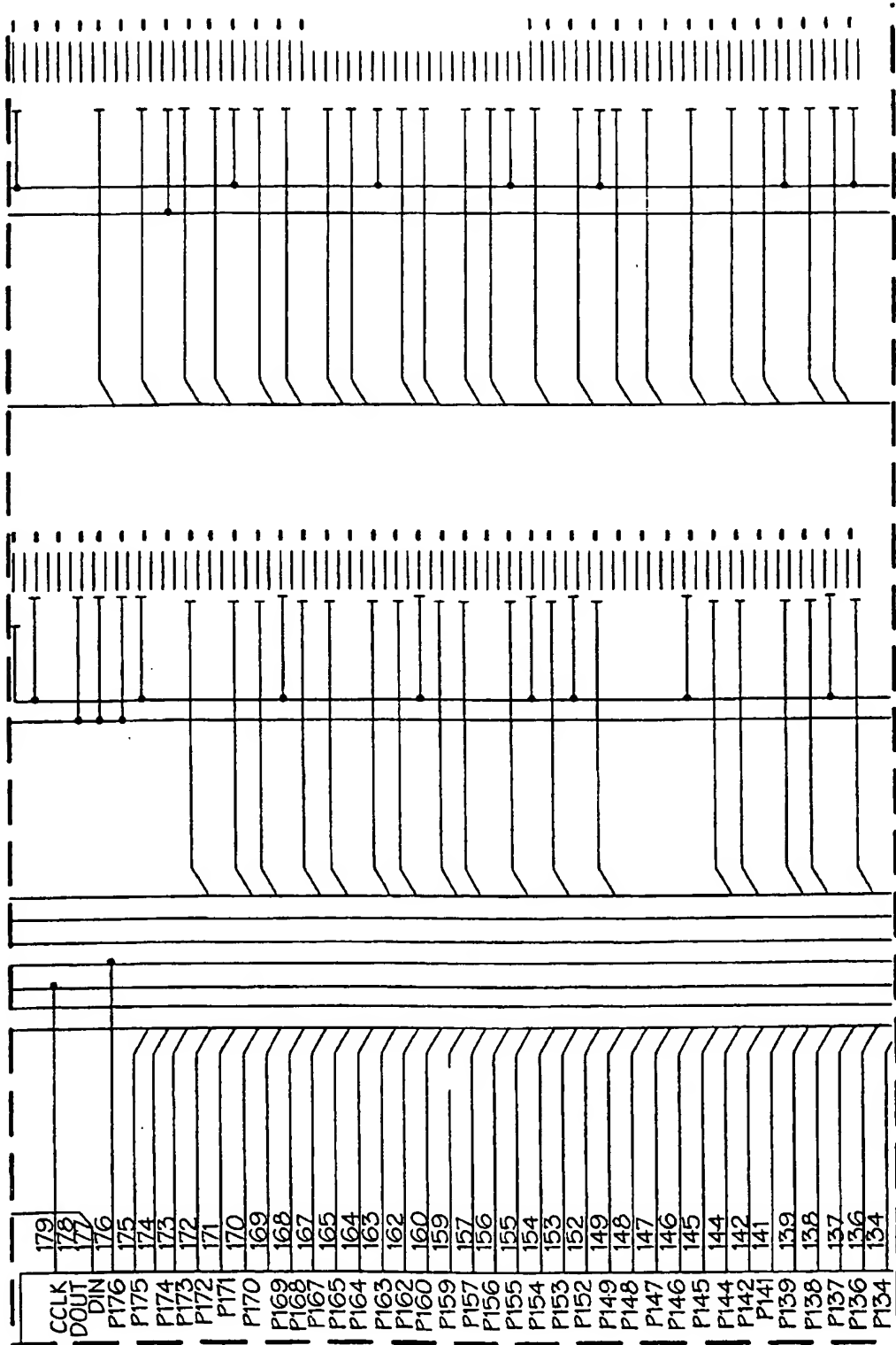


FIG. 62(H)



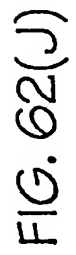
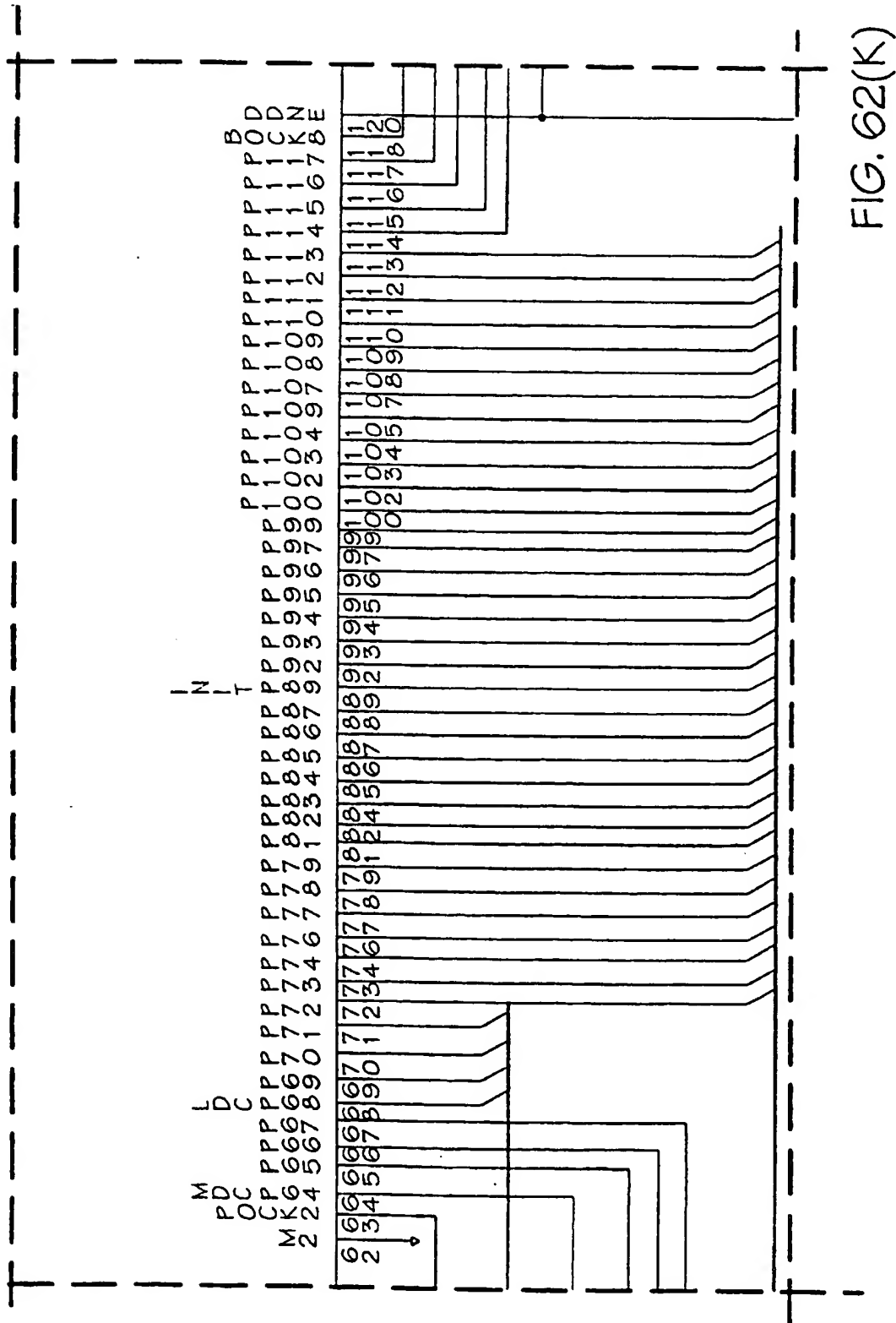


FIG. 62(J)



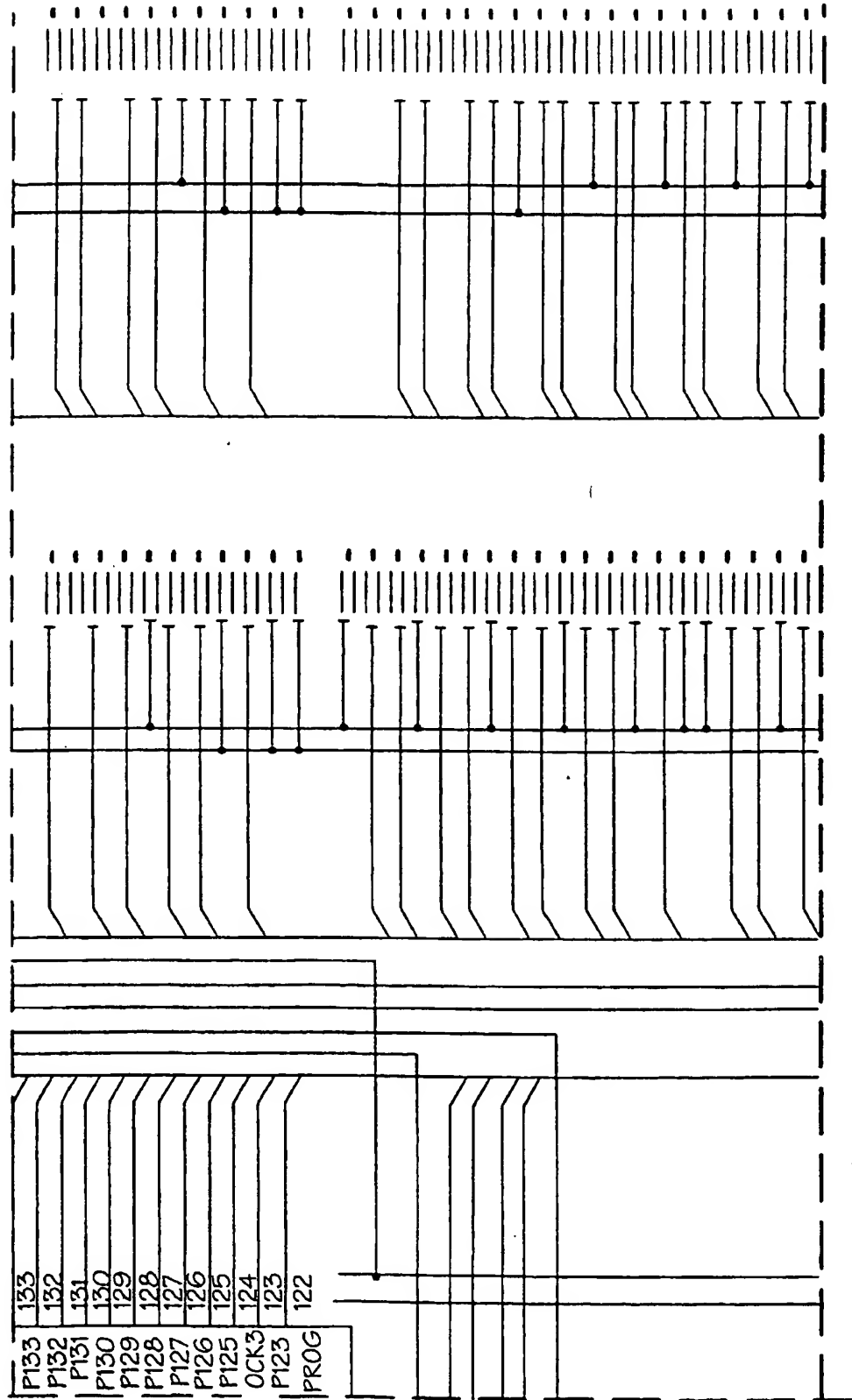


FIG. 62(L)

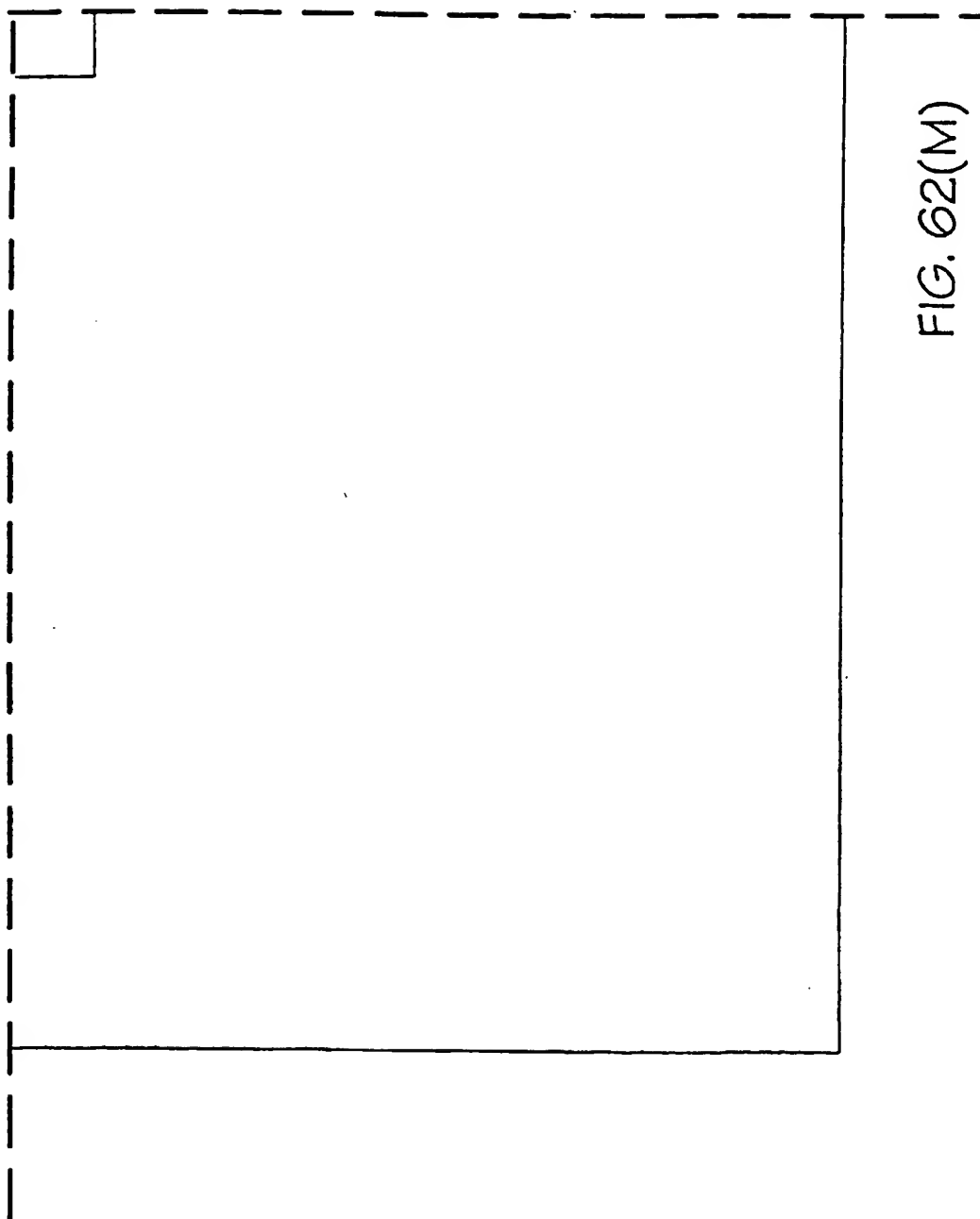
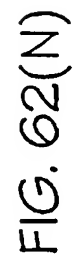


FIG. 62(M)





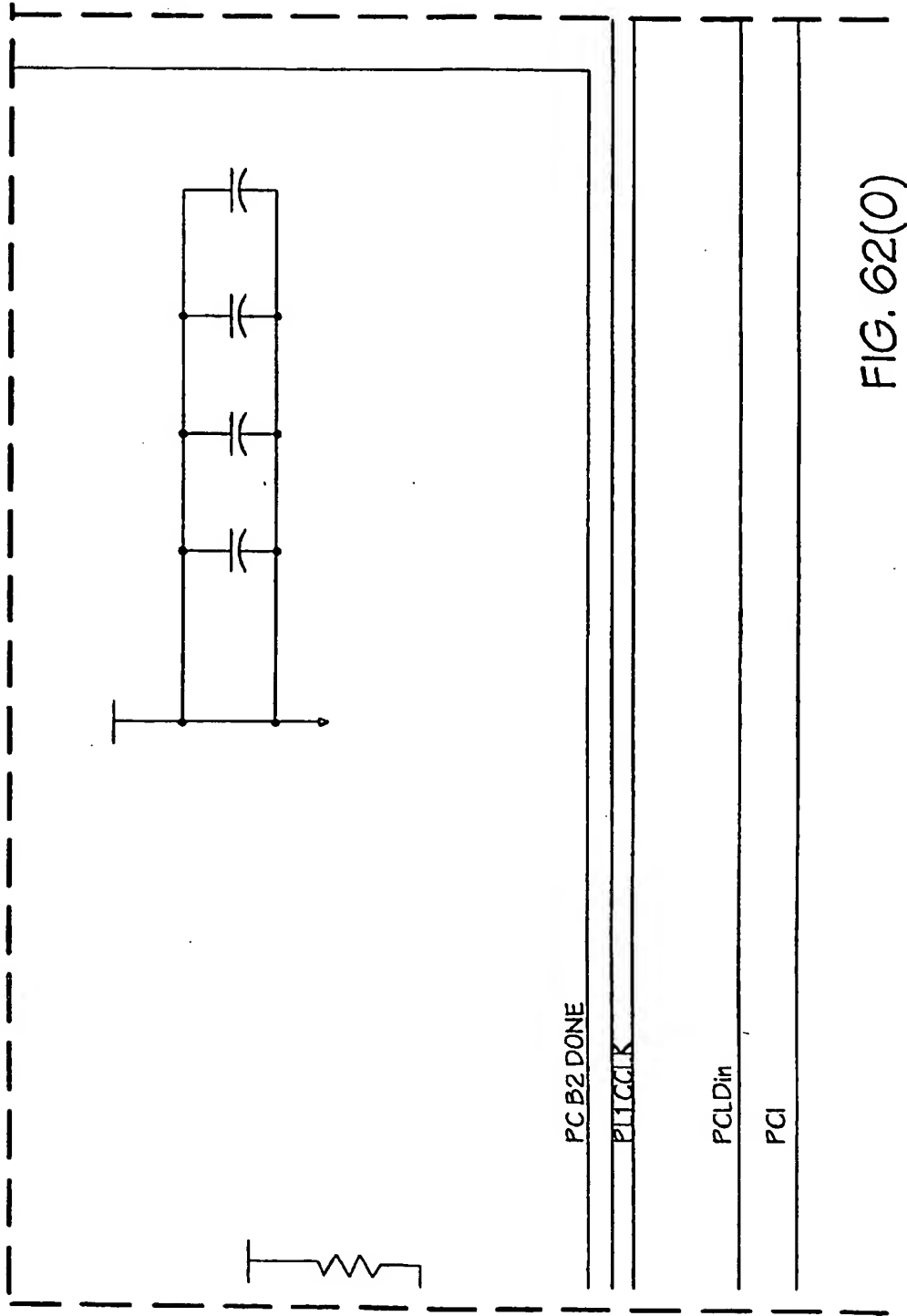
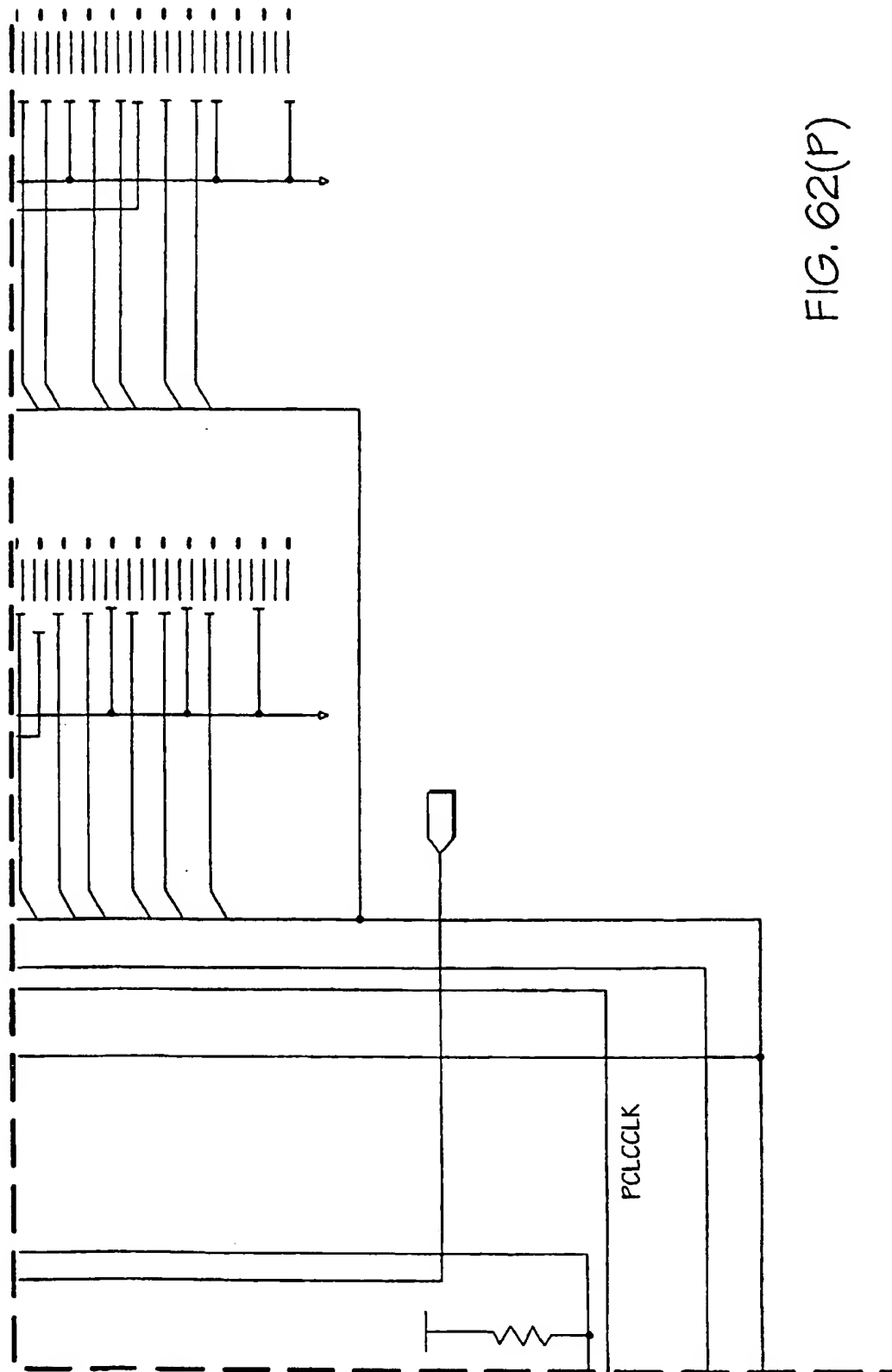


FIG. 62(0)

FIG. 62(P)



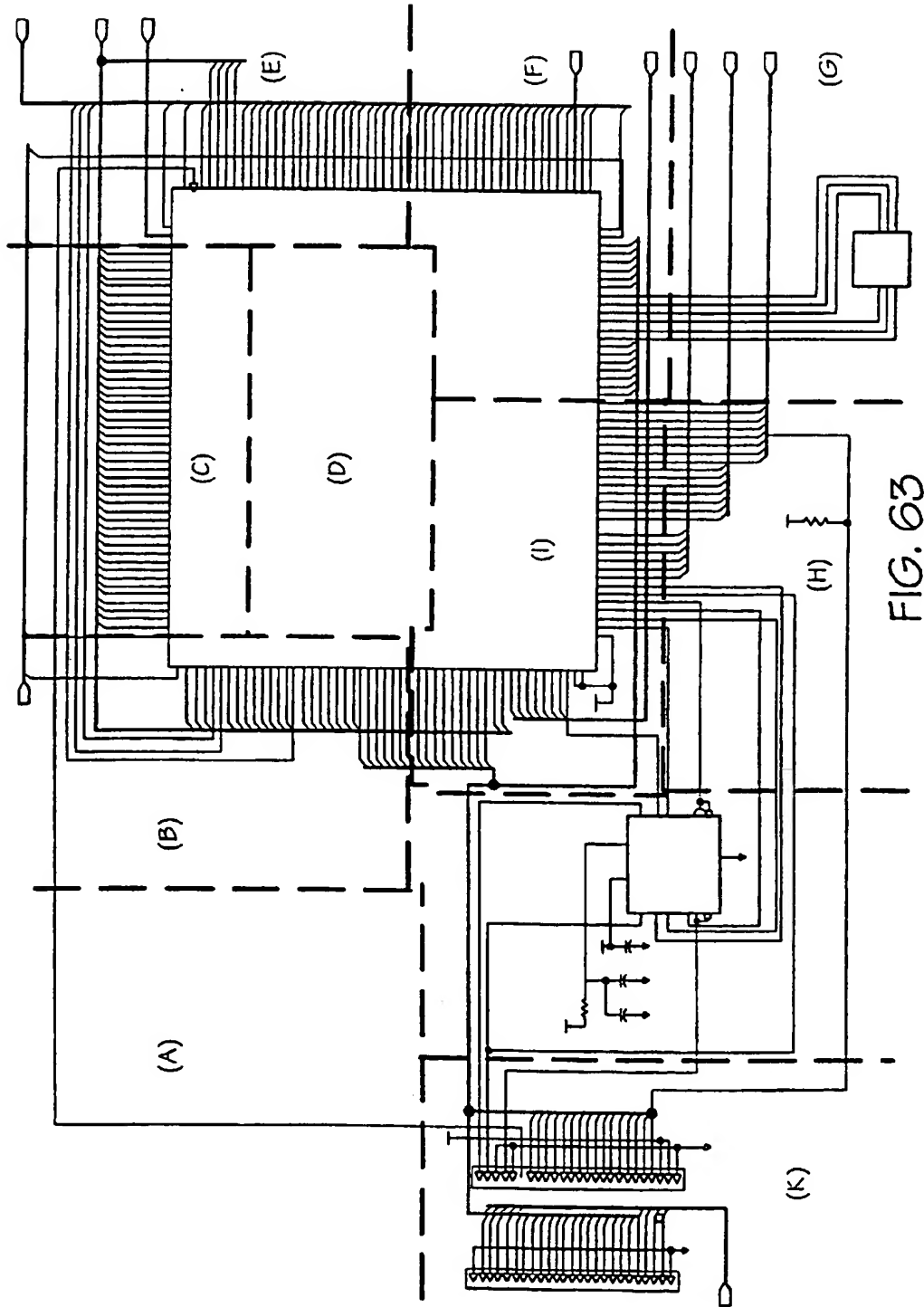
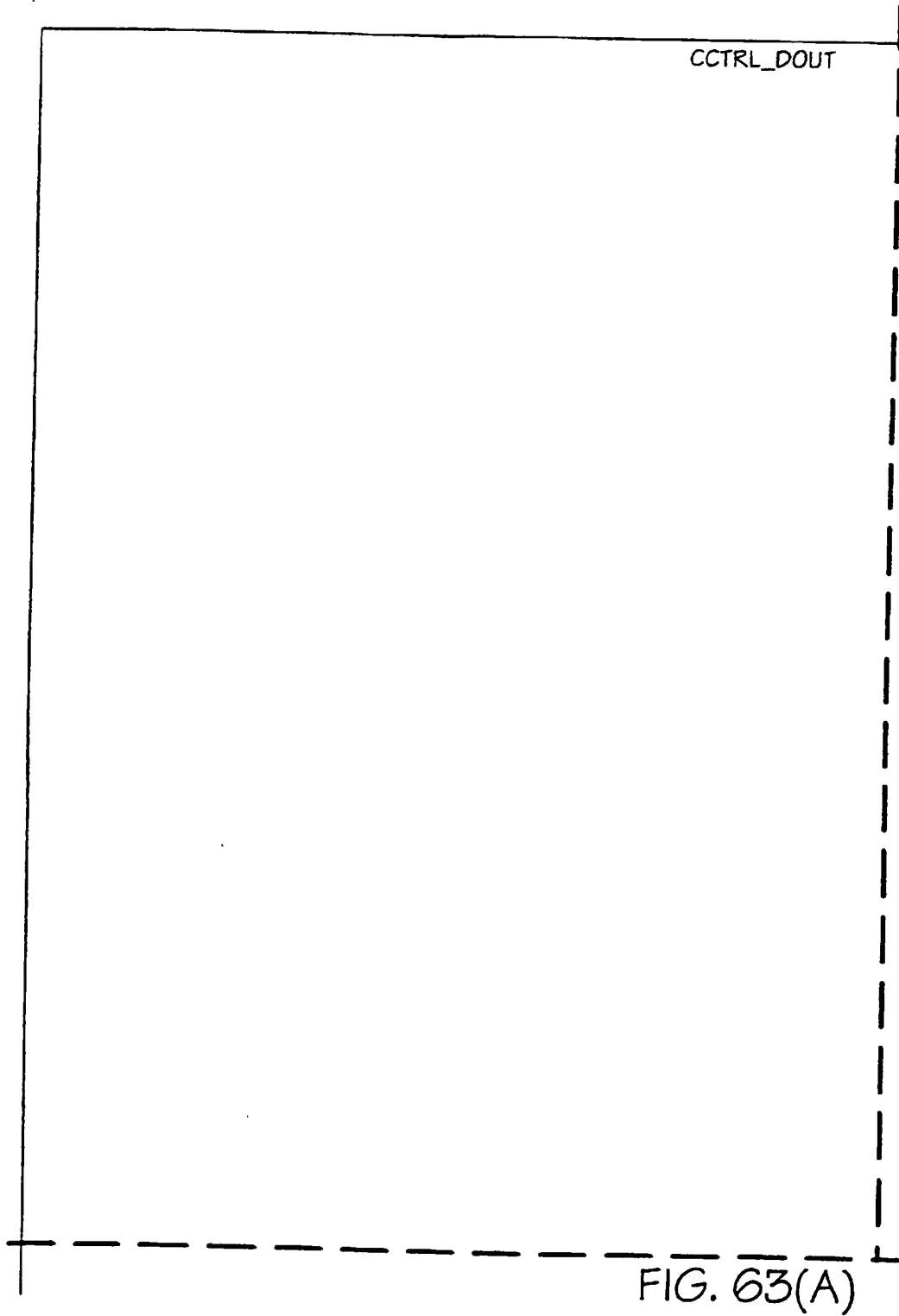


FIG. 63



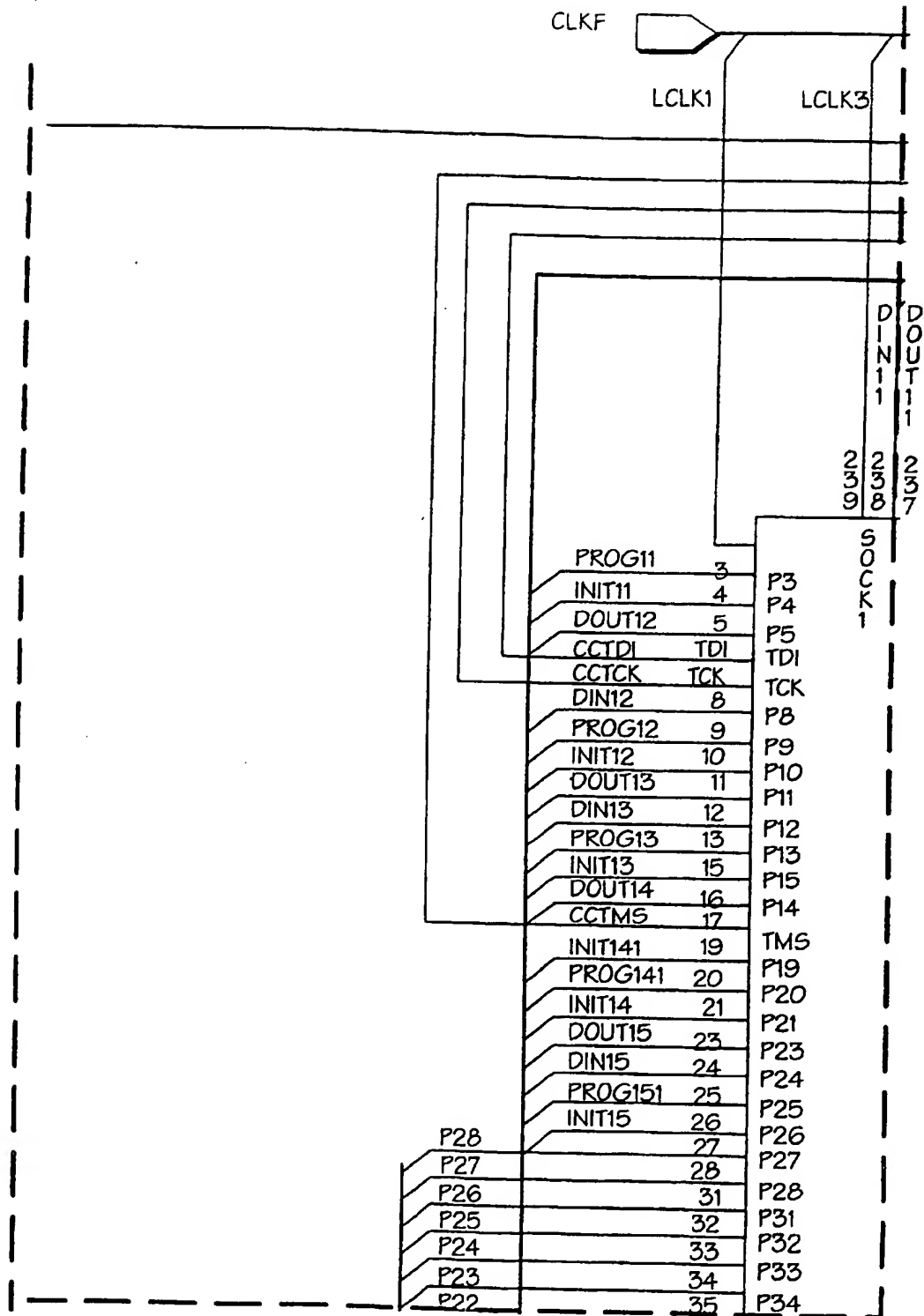


FIG. 63(B)

DOU-10	1884	P-1885
D-N-10	1885	P-1886
PROG-10	1887	P-1887
-N-T-10	1888	P-1888
DOU-11	1889	P-1889
D-N-11	1890	P-1890
PROG-11	1891	P-1892
-N-T-11	1892	P-1893
DOU-12	1893	P-1894
D-N-12	1894	P-1895
PROG-12	1895	P-1897
-N-T-12	1897	P-1898
DOU-13	1898	P-1899
D-N-13	1899	P-2000
PROG-13	2000	P-2002
-N-T-13	2002	P-2003
DOU-14	2003	P-2005
D-N-14	2005	P-2006
PROG-14	2006	P-2007
-N-T-14	2007	P-2008
DOU-15	2008	P-2009
D-N-15	2009	P-2210
PROG-15	2110	P-2213
-N-T-15	2113	P-2214
DOU-16	2114	P-2215
D-N-16	2115	P-2216
PROG-16	2116	P-2217
-N-T-16	2117	P-2218
DOU-17	2118	P-2220
D-N-17	2220	P-2221
PROG-17	2221	P-2223
-N-T-17	2223	P-2224
DOU-18	2224	P-2225
D-N-18	2225	P-2226
PROG-18	2226	P-2228
-N-T-18	2228	P-2229
DOU-19	2229	P-2230
D-N-19	2230	P-2231
PROG-19	2231	P-2232
-N-T-19	2232	P-2233
DOU-20	2233	P-2234
D-N-20	2234	P-2235
PROG-20	2235	P-2236
-N-T-20	2236	P-2237
DOU-21	2237	P-2238

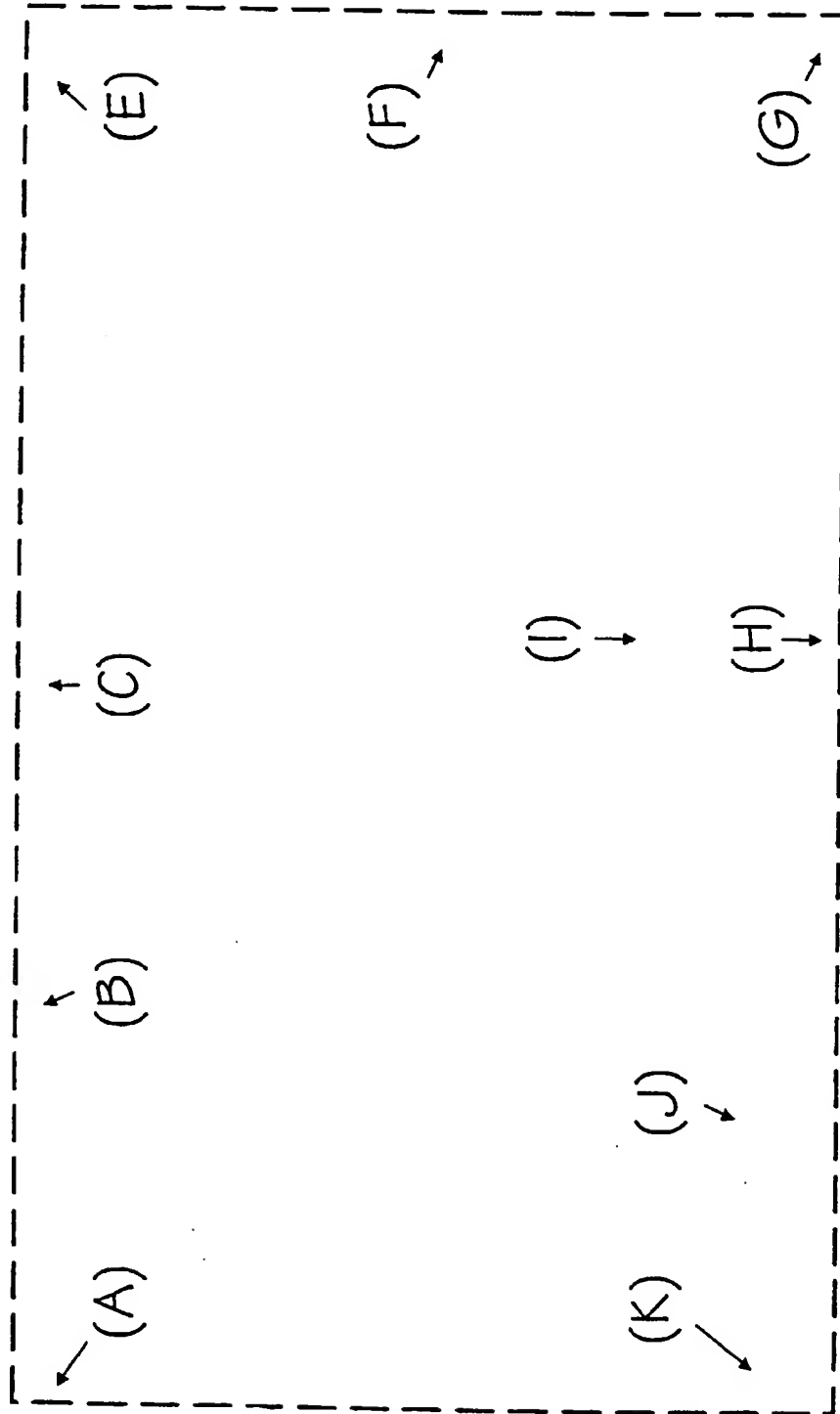
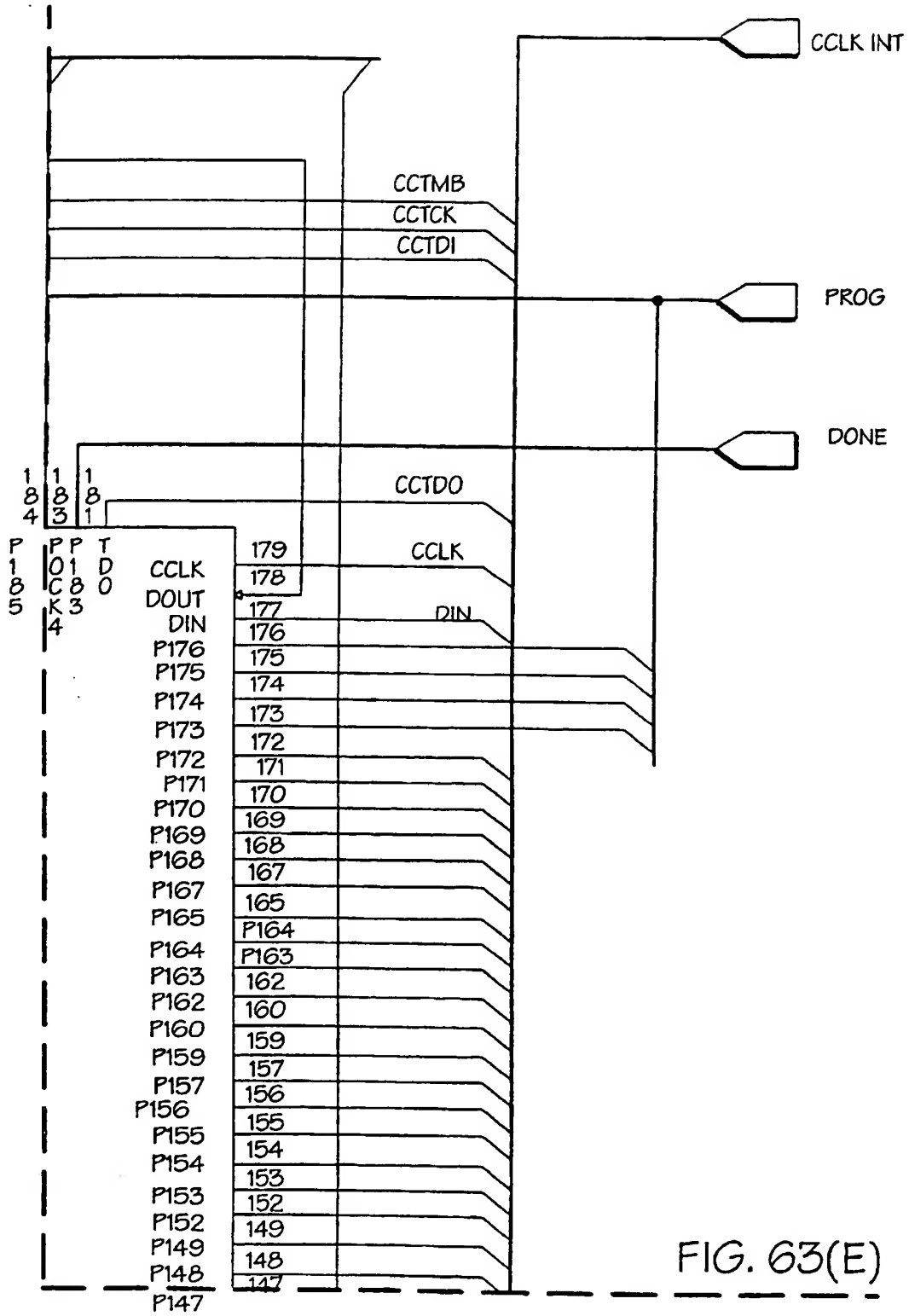


FIG. 63(D)





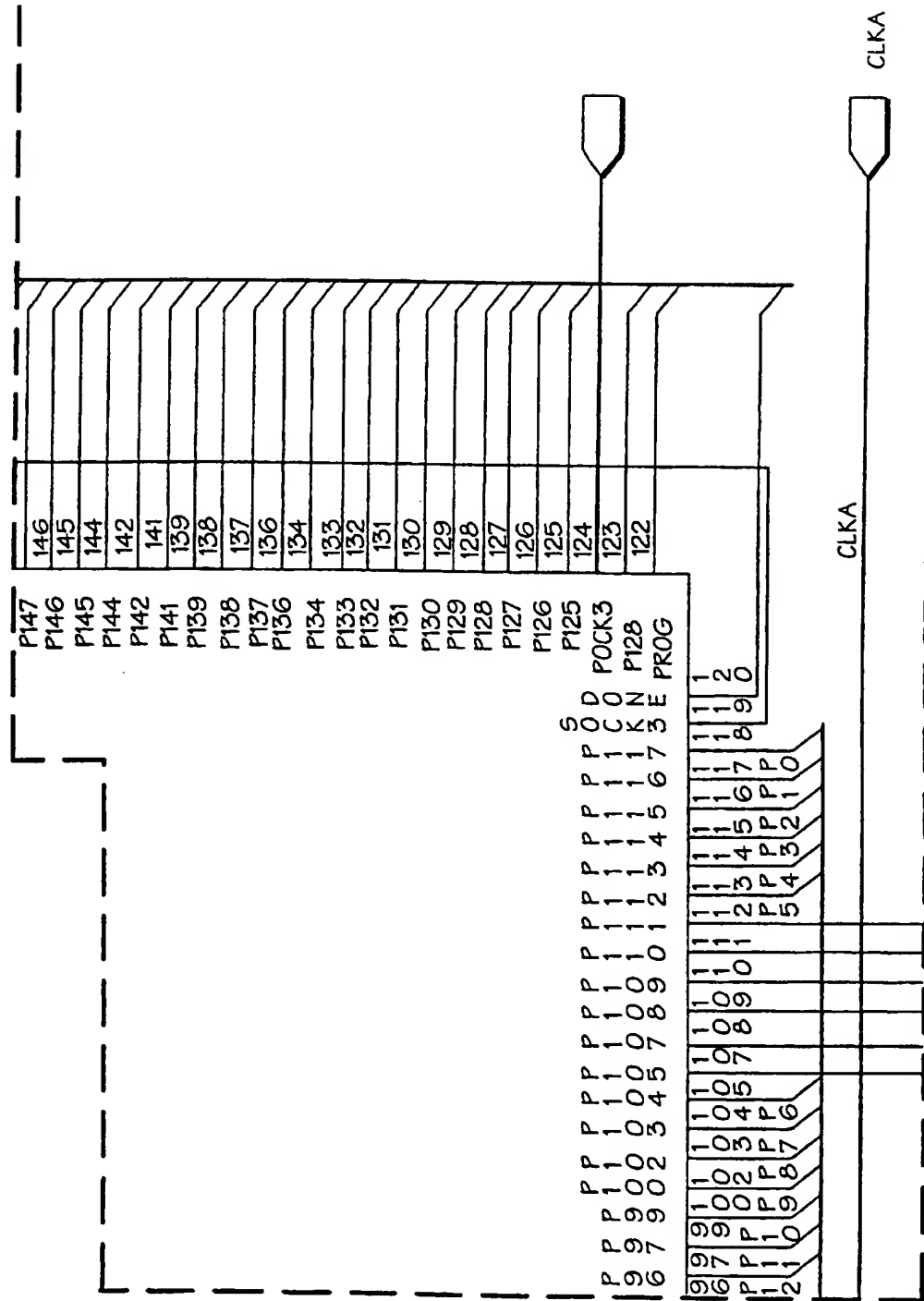


FIG. 63(F)

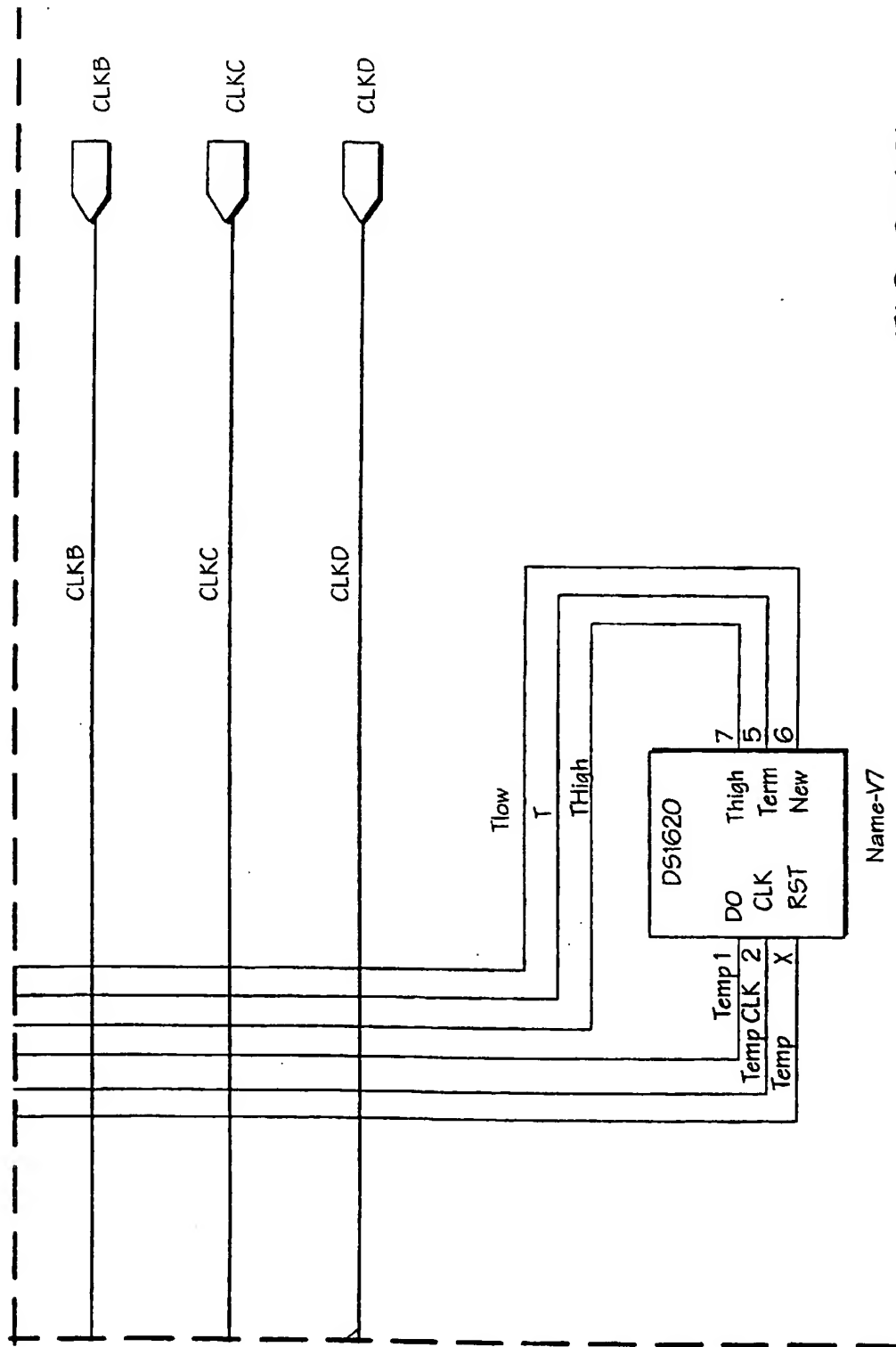


FIG. 63(G)

Name-V7

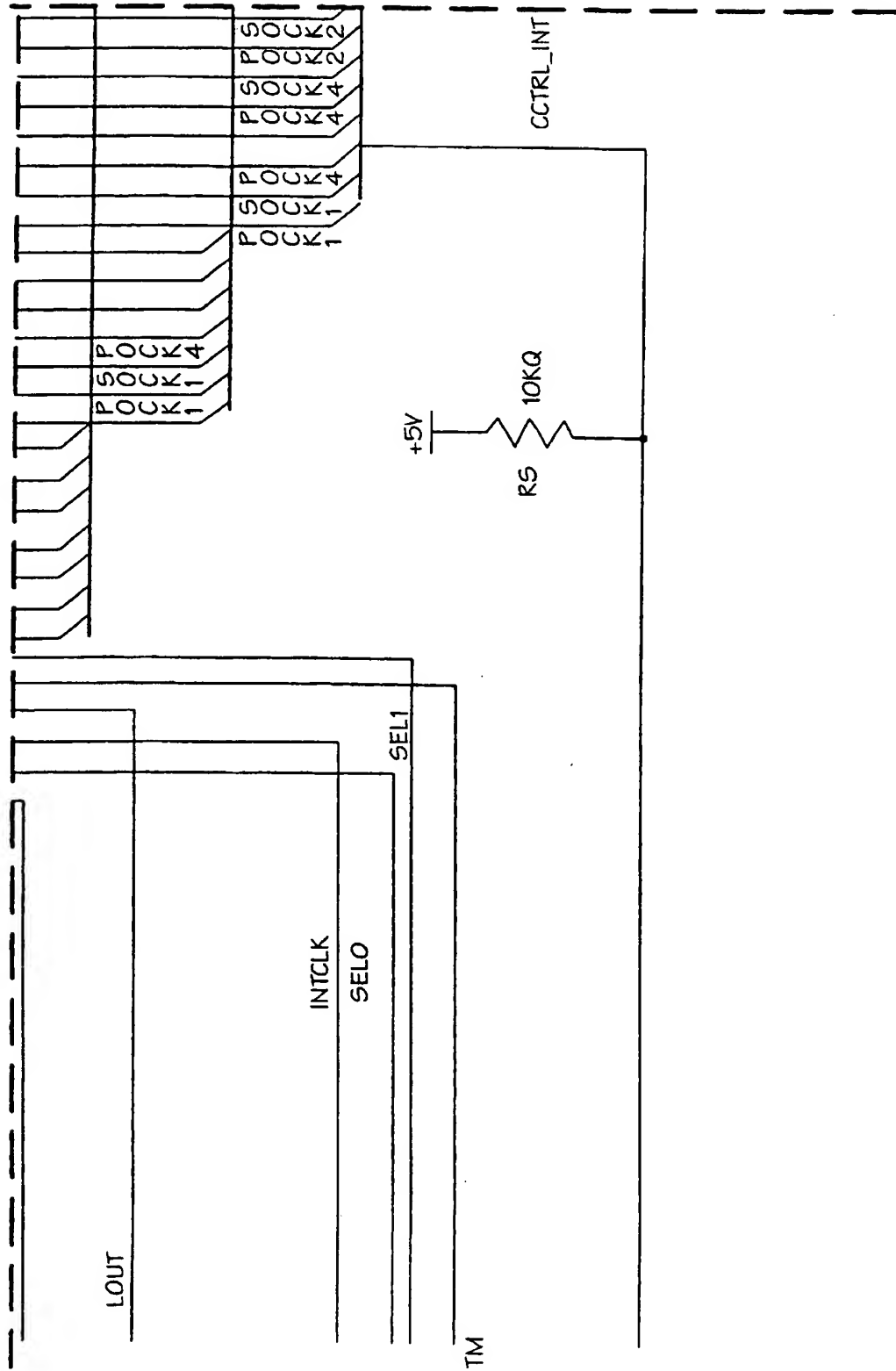


FIG. 63(H)

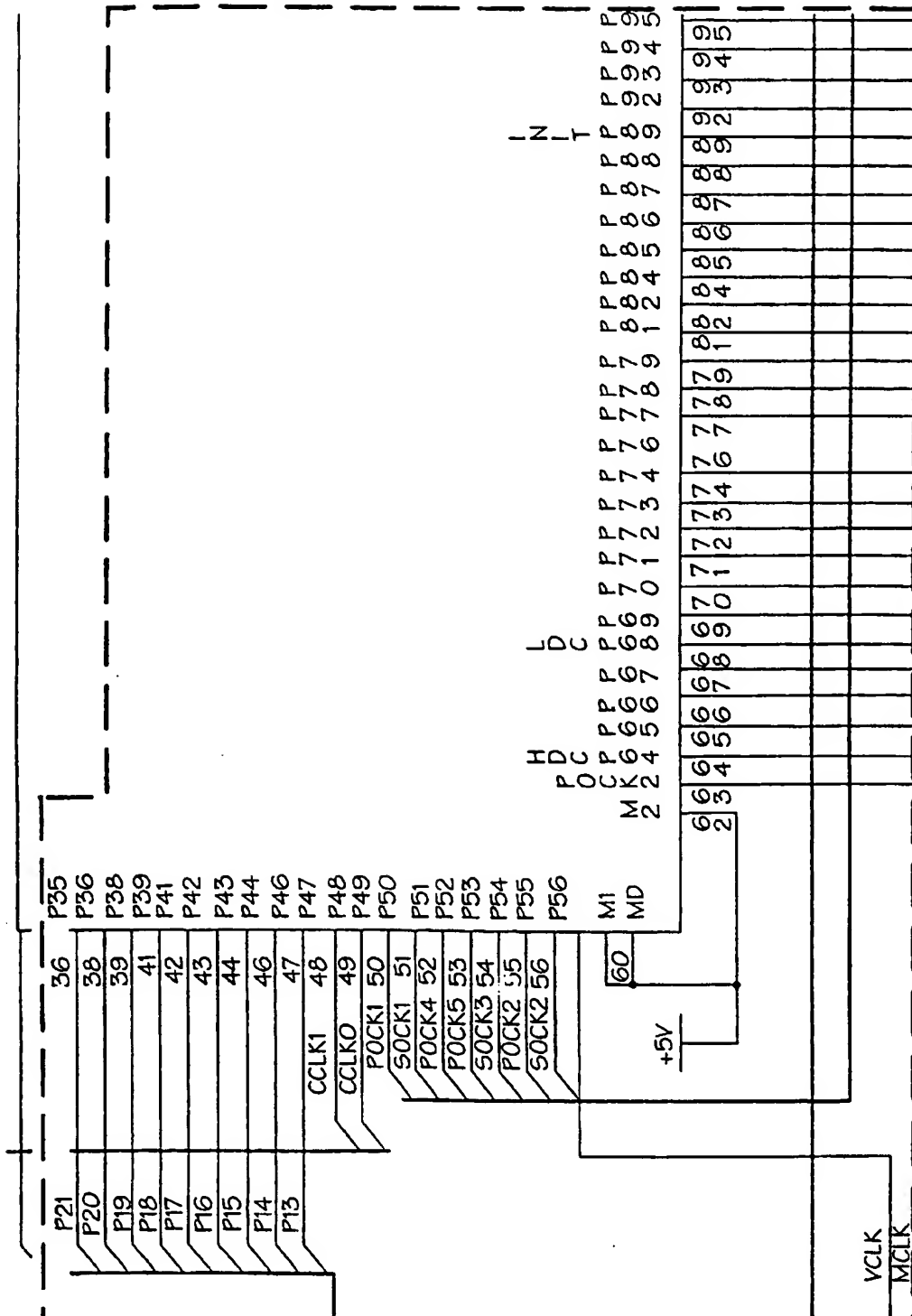


FIG. 63(I)

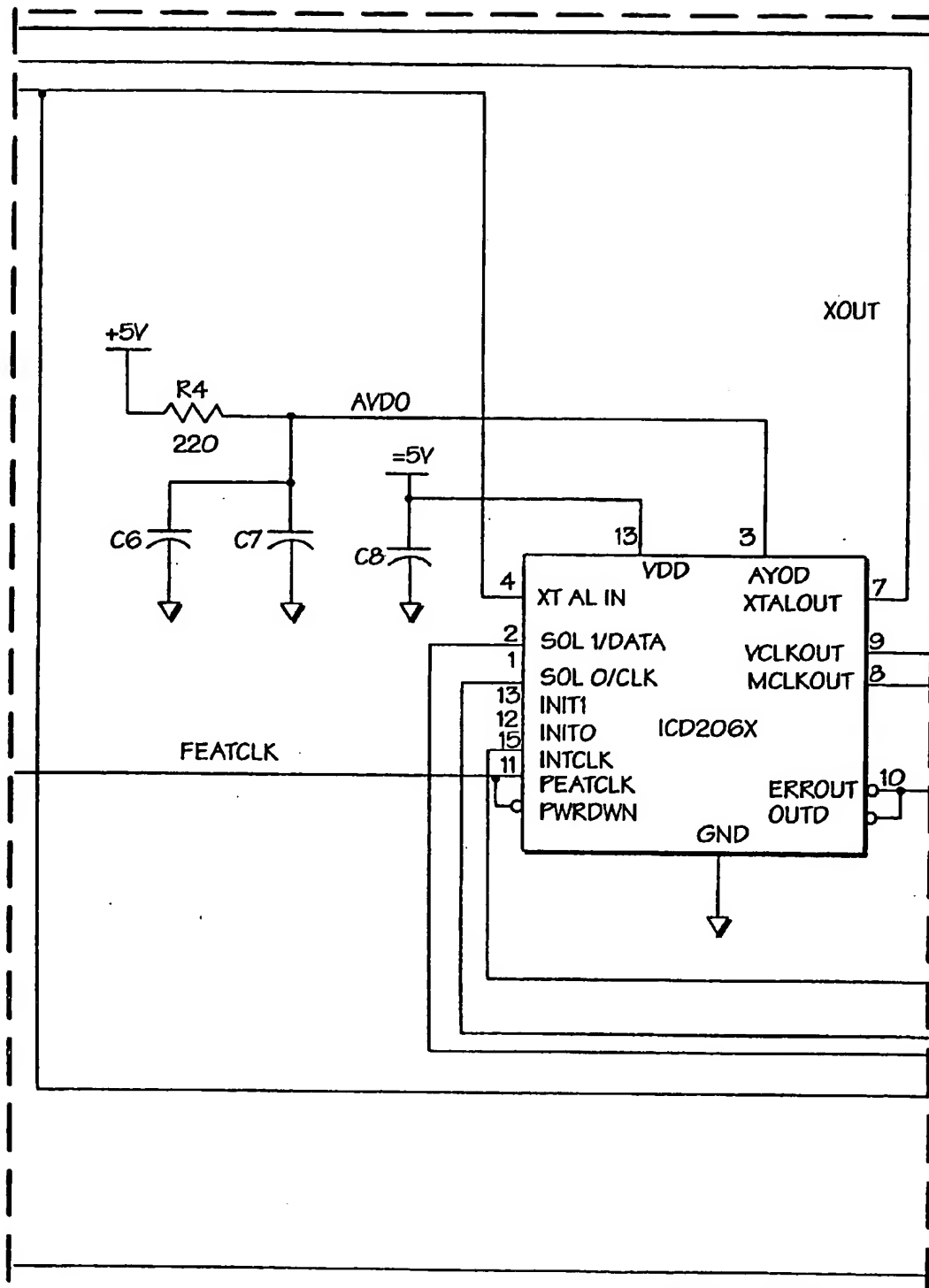


FIG. 63(J)

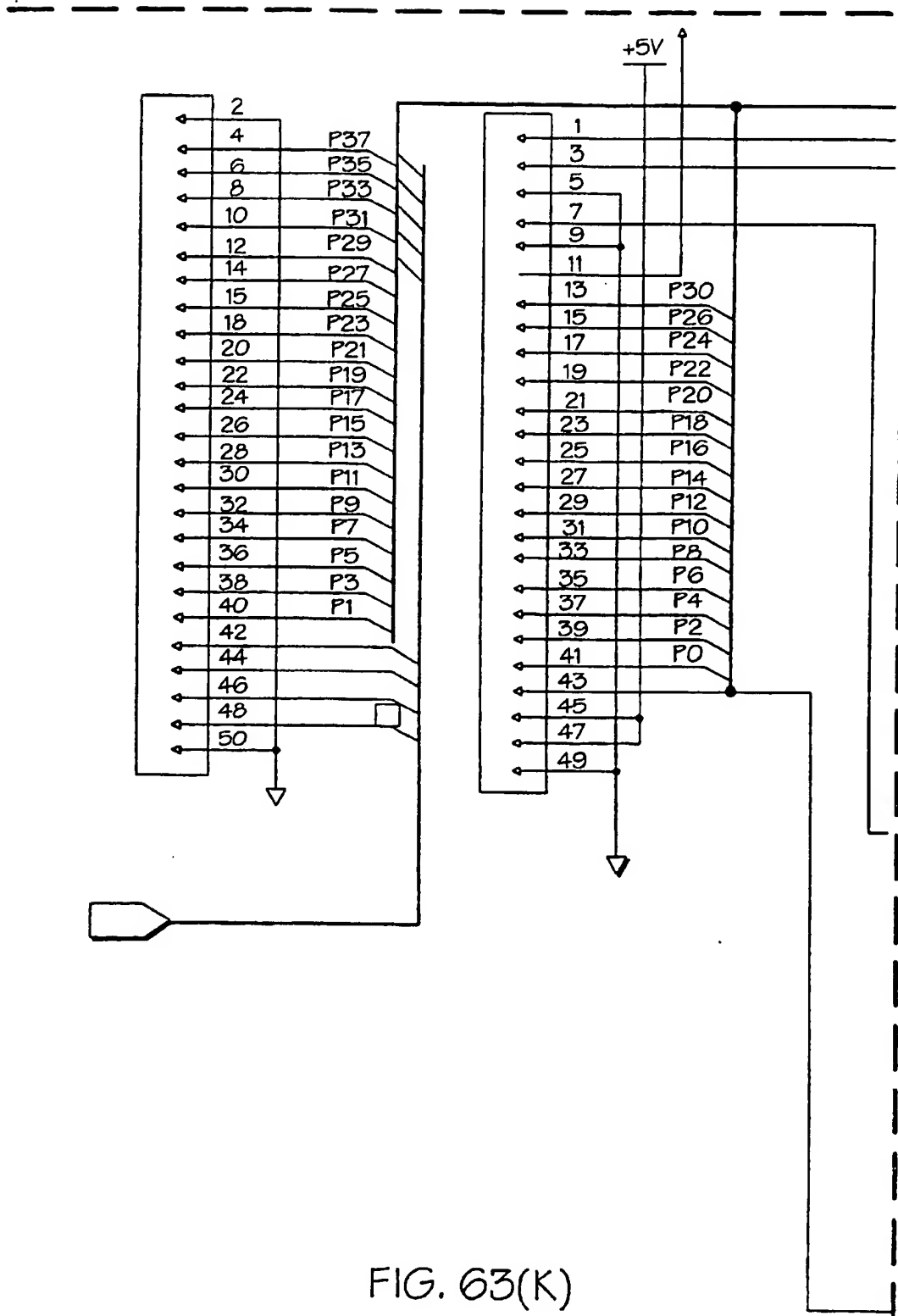


FIG. 63(K)

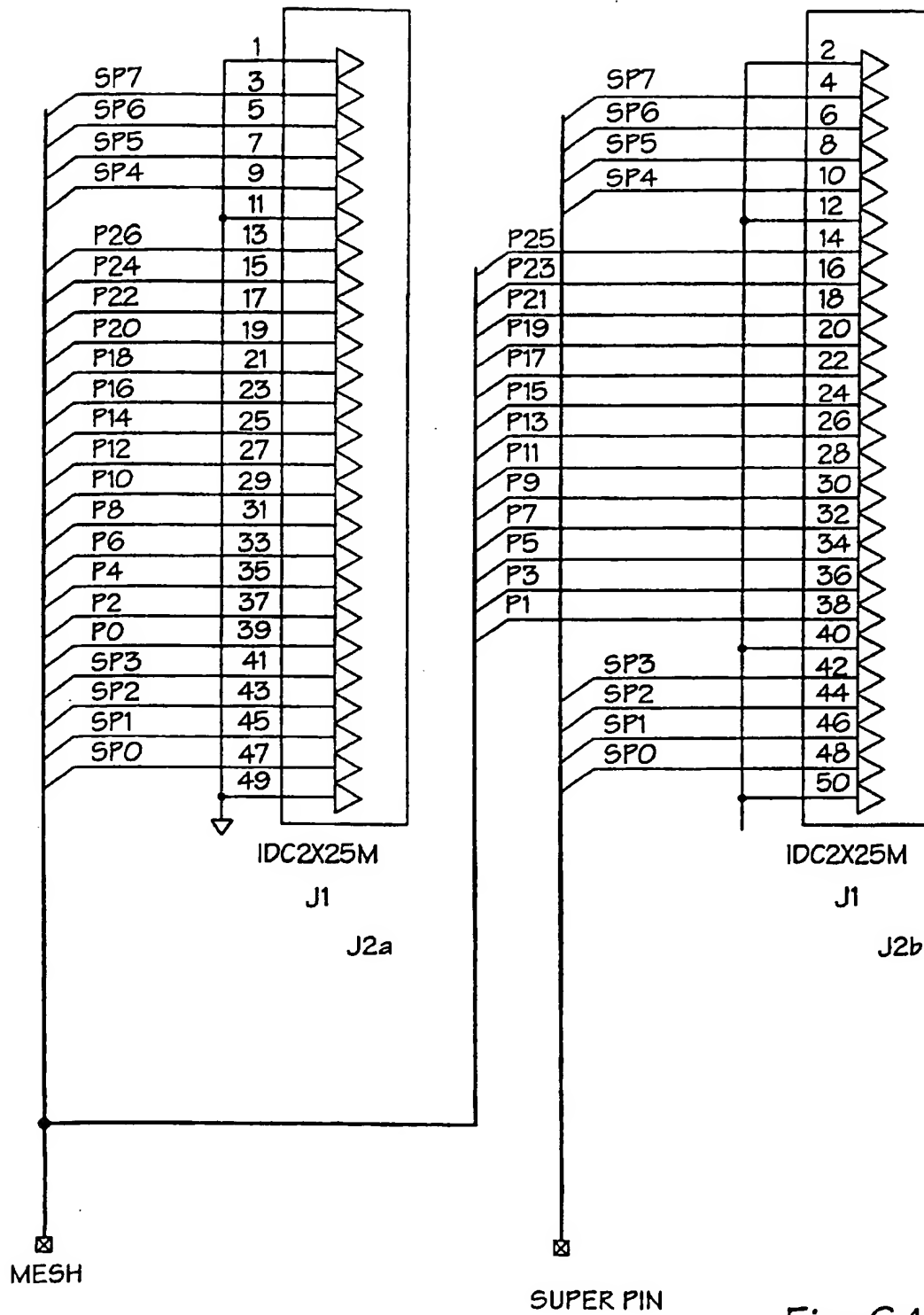


Fig. 64



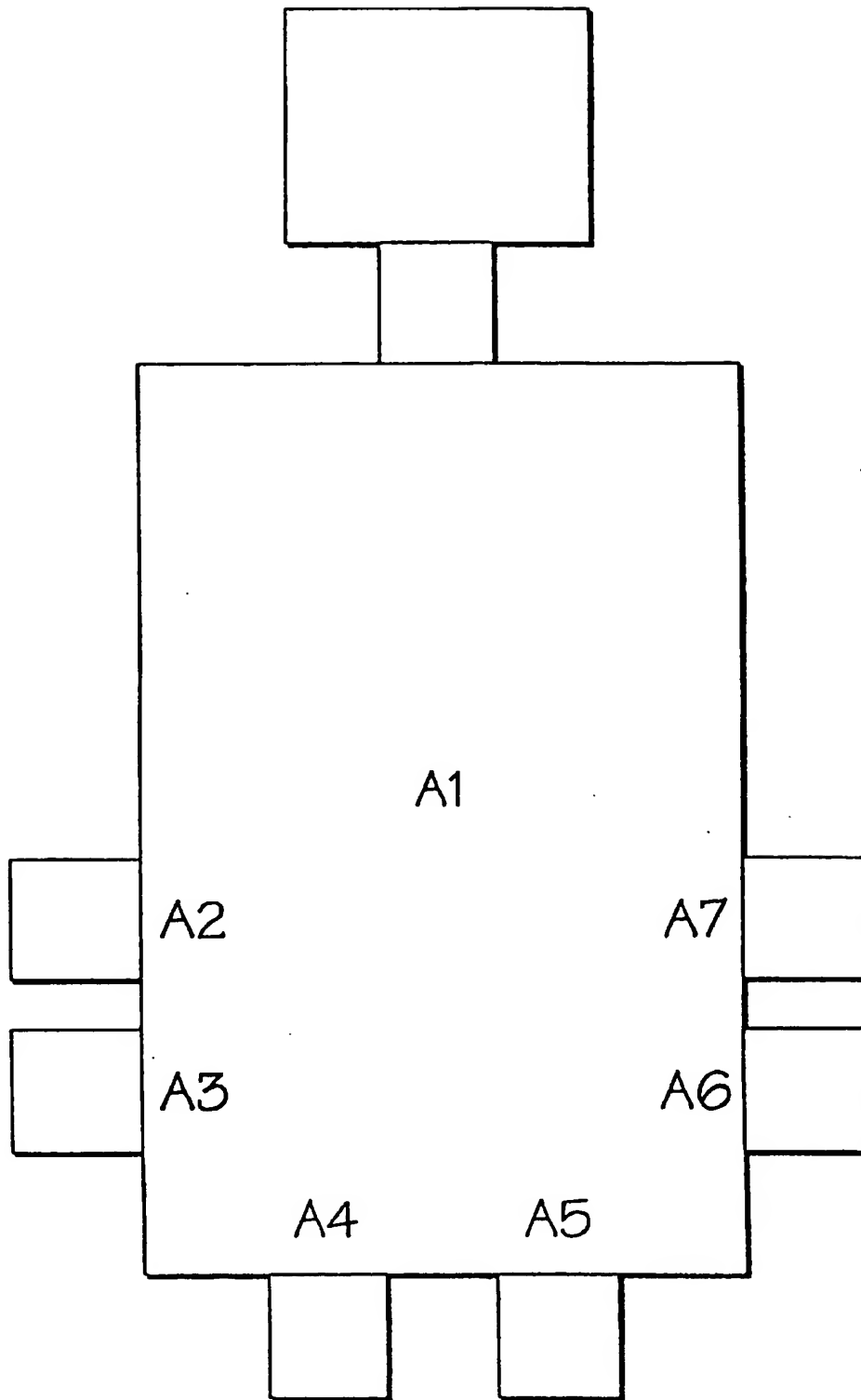


FIG. 65

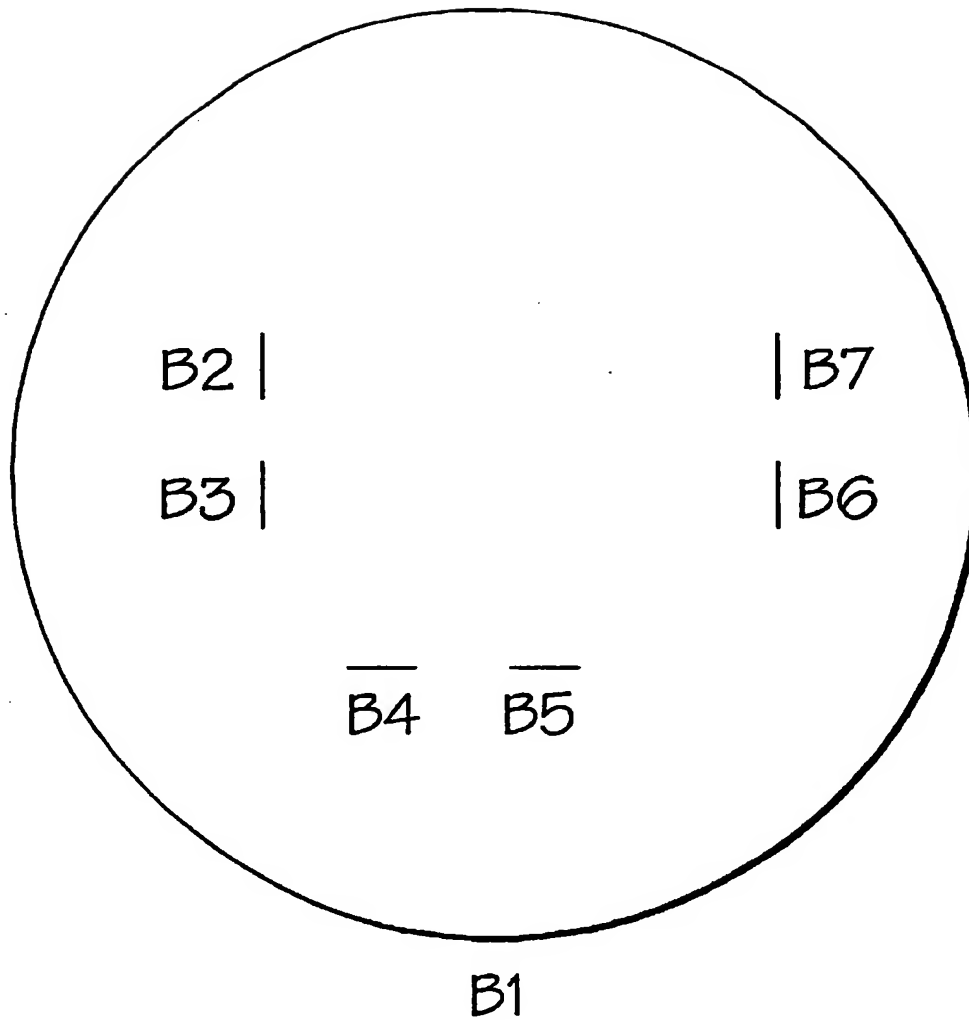


FIG. 66

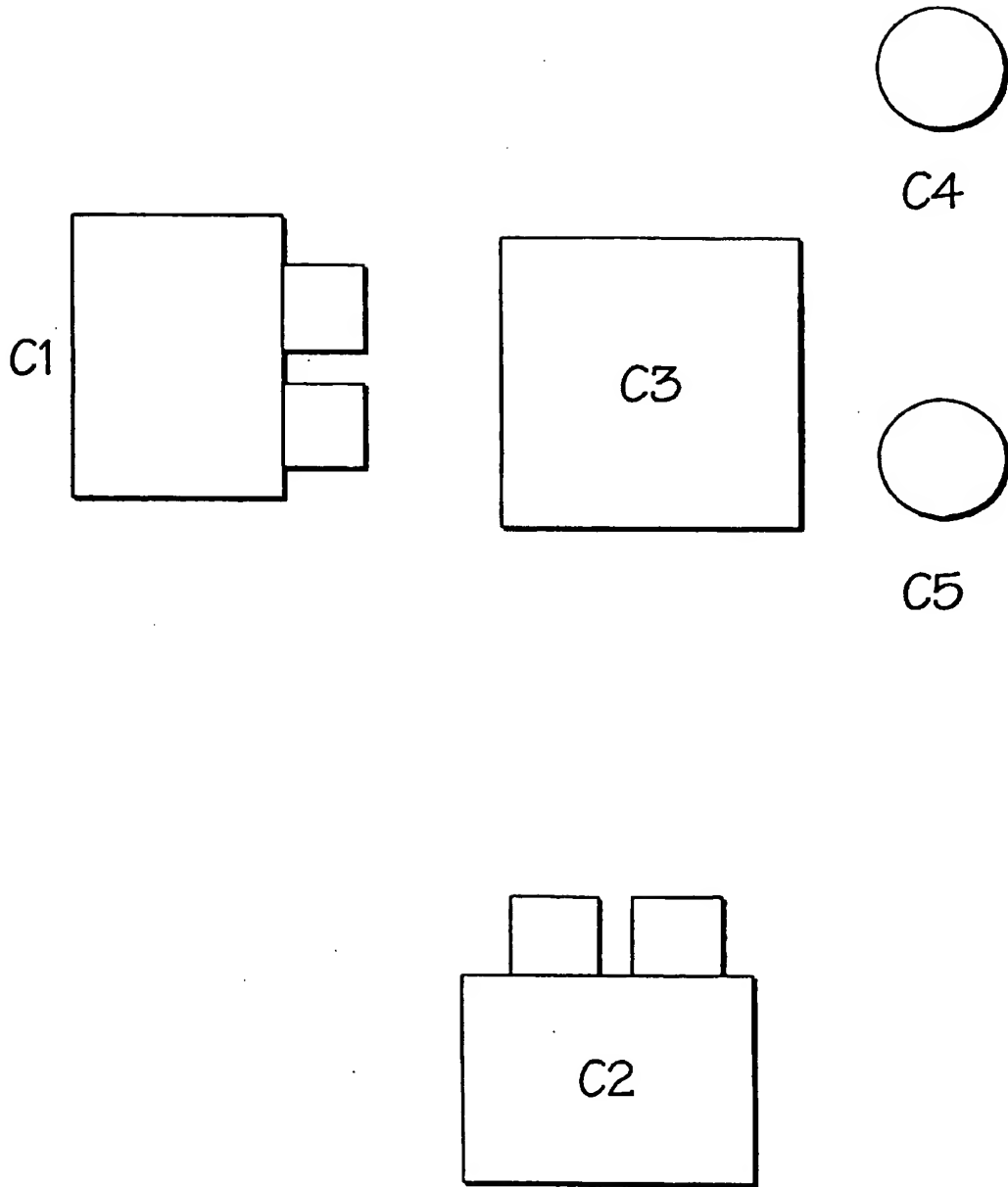


FIG. 67

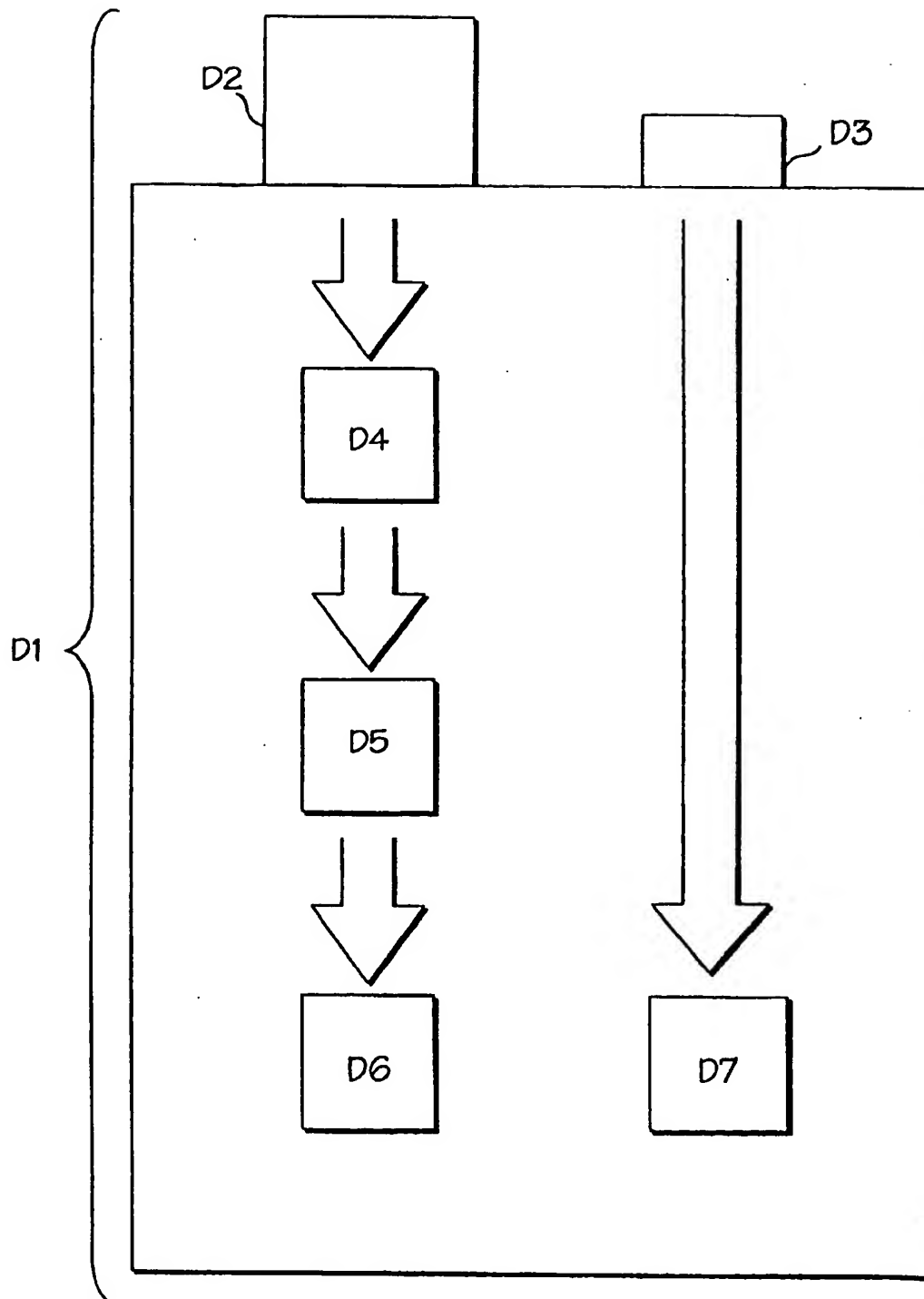


FIG. 68

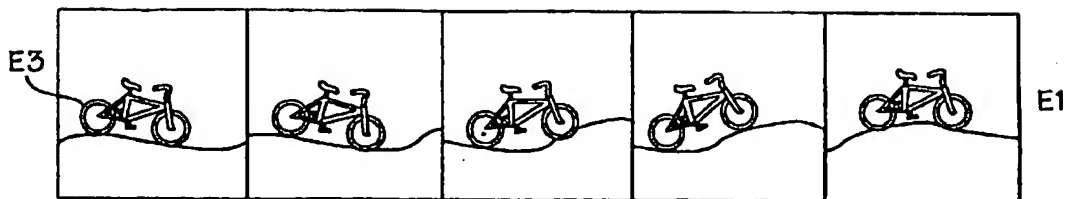


FIG. 69(A)

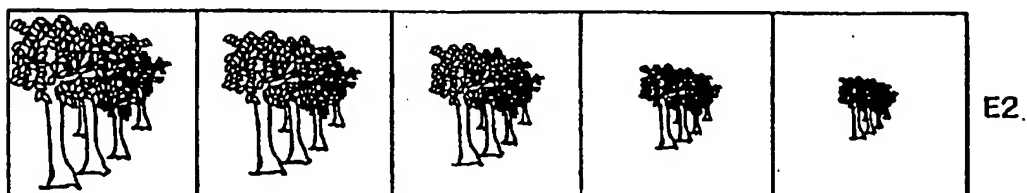


FIG. 69(B)

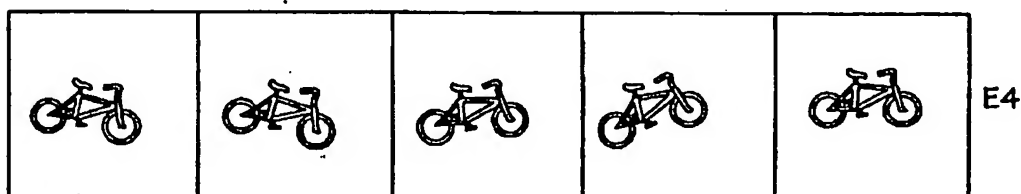


FIG. 69(C)

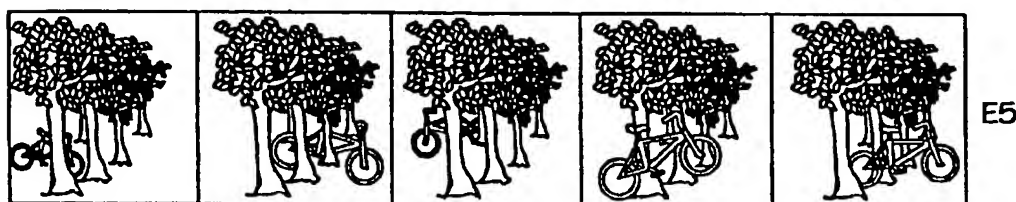


FIG. 69(D)